MEDICARE HOSPITAL MORTALITY INFORMATION

1987 • 1988 • 1989

Volume 9

North Carolina
Tennessee

Region IV

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Volume 9

NORTH CAROLINA
TENNESSEE

Region IV

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The Health Care Financing Administration (HCFA) was established in March 1977 to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 59 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

FOREWORD

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, has more than 33 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. This fourth annual release of Medicare hospital mortality information is a key element in our efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to what rate would have been predicted, given what we know about the characteristics of the patients admitted?" We expect this information to be used by hospital administrators, physicians, peer review organizations, Medicare beneficiaries, State survey and certification agencies and researchers. The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"--that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital.

The basic approach to analyzing hospital mortality information has remained unchanged for the past four years; however, since the last publication of mortality information in December 1989, we have made some significant changes both in our methodology and in the way we display the results of our analysis. This publication presents information for 30, 90, and 180 days post admission, as opposed to the single point of 30 days post admission used in all the previous publications. Also, we present values for an observed mortality rate, a predicted mortality rate and a standard deviation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed and approved by a panel of outside experts. The methodology used in arriving at the observed mortality rate, the predicted mortality rate and the standard deviation are briefly described in the Technical Appendix at the end of this volume and in more detail in a Technical Information Supplement .

We acknowledge the assistance we have received from the American Hospital Association--not only for providing the information detailing selected hospital characteristics but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to thoroughly review the data and to provide us with comments and suggestions. As before, we have published the comments we received from individual hospitals, associating them with the summary data for the appropriate institution. Over the years, these communications have proved very helpful in improving and refining the information included in this publication.

Gail R. Wilensky

Gail R. Wilensky, Ph.D.
Administrator

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TECHNICAL APPENDIX A-1

INTRODUCTION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information. This year's publication presents information for Federal fiscal years (FYs) 1987, 1988 and 1989. (A Federal fiscal year is October 1 through September 30; e.g., FY 1989 covers the period October 1, 1988 through September 30, 1989.) The information for 1987 and 1988 will be different from that published previously both because it is based on a fiscal, not calendar, year, and because the methodology for this year's analysis uses a random hospital stay rather than the last stay in the year as did previous analyses.

Description of Mortality Information

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the three prior years. Only one hospitalization for every patient was used. However, in this year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay to be analyzed was selected at random. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients. The event evaluated was death at any time within 180 days of admission to the hospital. With this approach, information about the early and later results of the hospitalization are provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term impacts. The choice of 180 days allows substantial followup consistent with timely reporting of HCFA data. Additionally, the decision to report the longer followup data necessitated the change from calendar to fiscal year analysis, since it provides at least 182 days followup while allowing us to report on quite recent hospitalizations. Another benefit of using a fiscal rather than a calendar year for analysis is that our files are maintained on a fiscal year basis and new Medicare rules are often instituted on a fiscal year basis.

For each hospital, information is presented for overall Medicare patient mortality and for each of 17 specific diagnostic or medical procedure categories. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate. A rule of thumb for using the SD to assess a hospital's performance appears later in this Introduction, and a more precise formula for the use of the SD is included in the Technical Appendix.

As we did in previous years' publications, we are including selected information about each hospital, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1989 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey Certification and Reporting System (OSCAR) file. These hospital characteristics are found at the bottom of each hospital's first summary data page. A more detailed description of the hospital characteristics appears later in this Introduction. It is important to note that these characteristics are provided for information only. They were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates. In the publication, we have arranged the States by HCFA regions. A hospital's summary data pages and any comments received are arranged alphabetically by hospital name in each State section. A complete listing of States by region and volume can be found in Table 1.

Before reviewing a hospital summary table, it would be helpful to describe how the numbers were derived and what they mean.

> **Number of Cases.** This figure is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases selected for each hospital is presented under the category "All Causes." The eight condition and nine procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight condition categories, that same patient may also appear in one or more of the nine categories defined by a surgical procedure. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight condition categories. The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories cover less than half of all the hospitalized patients. (ICD-9-CM codes included in each condition and procedure category appear in Table 2.). These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; **they do not necessarily represent the cause of death.** HCFA does not have access to cause of death information.
>
> **Observed Mortality Rate (OBS).** This number is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90 or 180 days of the selected admission to the hospital. The percentage is rounded to the nearest one-tenth of a percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90 or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent. It is important to note than the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission. The observed mortality rate represents the percentage of beneficiaries in

a particular category who died during the selected time interval. As noted above, it does **not** represent the percentage whose death was caused by the particular condition or procedure.

Predicted Mortality Rate (PRED). This column gives a predicted mortality rate for patients included in the analysis for each hospital. The rate is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: principal diagnosis (grouped into 17 analytical risk categories), age, sex, previous hospital admissions within the prior six months, admission source (e.g., physician reference, skilled nursing facility reference), admission type (e.g., elective or emergency), and the presence of up to four comorbid conditions--cancer, chronic cardiovascular disease, chronic renal disease, and chronic liver disease. For additional details on the development of the rates, see the Technical Appendix at the end of this volume. For a list of the ICD-9-CM codes defining the comorbid conditions see Table 3. Two additional adjustments for patient risks were carried out. First, account was taken of the effect of the specific reason for admission--the principal diagnosis within each analytic category--on the probability of patient death. Second, the additional information carried by the grouping of patients into clinically informative categories was also used. This last adjustment proved particularly important in the case of the surgical categories, because the performance of a surgical procedure has substantial implications about the severity of illness.

Standard Deviation (SD). The standard deviation is a guide to how meaningful the difference between the observed and predicted mortality rate is. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience.

As a rule of thumb, if the difference is 1.2 times the SD, chances are 3 out of 4 that the difference is due to statistical variability observed nationally. If the difference is greater than 1.6 times the SD, there is only 1 chance in 10 that the difference is due to statistical variability; if the difference is more than 2.0 times the SD, there is only 1 chance in 20 that the difference is due to statistical variablity; and if the difference is more than 2.6 times the SD, there is only 1 chance in 100 that the difference can be attributed to statistical variablity rather than actual variation from what would be expected. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for concern may exist about the institution's performance. Further information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED are included in the Technical Appendix at the end of this volume. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, an asterisk (*) is placed in the SD column.

Information Sources and Notes

This publication is based primarily on Medicare hospital billing information for fiscal years 1987, 1988 and 1989. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1990 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year) 98 percent of all Medicare discharges in FY 1989 are included in the file.

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results for national estimates. It may, however, substantially affect an individual hospital if it was the source of the suspect information.

Nevertheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is reviewed.

> The information used is billing data and is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.
>
> The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities; all have a zero in the third position of their Medicare provider number. All other hospitals--those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions--were automatically excluded from the analysis. This year, as last, we also excluded hospices from the publication.
>
> In some cases, we have included data for hospitals which closed, changed ownership, or changed management either during or subsequent to FY 1989. Nevertheless, data which are included for those institutions reflect the situation as it existed at the time the hospitalizations analyzed occurred.
>
> There is some information in the MEDPAR file which does not reflect immediately the results of review by the Peer Review Organizations (PROs). For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that, in some instances, PRO changes in diagnosis assignment may not be

submitted and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, this type of change could have an effect on the calculation of mortality rates in individual categories and may also have a bearing on comorbidities.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted. It is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this publication may not be a direct measure of the quality of care rendered in the hospitals. One reason for this is that we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex and several other factors. This might happen because one hospital's stroke patients consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that this information is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including hospital administrators, physicians, and researchers. Among these audiences, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. For example, we know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are trying to determine what useful information can be derived about their hospitals and how they function. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed.

We believe that when this information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post-admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care and is best used to view experience in individual hospitals rather than for making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because of its patient mix. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We offered each hospital the opportunity to comment on the information contained in this volume, and we included in this publication those comments which were received by January 15, 1991. Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. More specifically, in June 1990 we presented the major changes--use of fiscal year data, use of random rather than last admission for analysis, use of the standard deviation rather than ranges, presentation of mortality rates at three time intervals--to these experts. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rate significantly exceeds the rate that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information publications. Many suggestions from these sources have been incorporated into this publication.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies very rarely impacted on a hospital's overall mortality rate. Most of these instances fell into the following three broad categories.

Inaccurate Date of Death. We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

Data Posting Delays. In some instances, delays in posting data to the MEDPAR file created difficulties in prior years' analyses. However, because of the use of a fiscal, rather than calendar, year and of a random, rather than last, admission for analysis, this problem has largely been eliminated.

Discrepant Case Counts. Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this publication.

On December 6, 1990, we mailed mortality information to each hospital on its Medicare patients and asked for comments by January 15, 1991. Each hospital received the summary data information (as published here), as well as a list of all Medicare patients whose stay in that hospital in FY 1989 was selected for the analysis. The comments we received are generally reproduced as submitted by the hospital. However, in instances where hospitals returned an annotated copy of the HCFA information sent on December 6, we did not publish that annotated material, even in cases where these were the only comments submitted by the hospital. We took this action because of patient privacy concerns and/or because it would have duplicated information already provided on the hospital's summary data sheet. However, we have published a standard statement to identify instances where we received this type of response. Additionally, in cases where the hospital's response exceeded the two-page limit, which was specified in our communication of December 6, we have published only the first two pages of the material received. No attempt has been made to edit or condense the response provided by the hospital.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner in order to allow every opportunity for review and comment. Even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances are few in number.

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. These particular characteristics and services were selected as those of most interest to Medicare beneficiaries. (Thus, for example, we do not include information on specialty services such as Neonatal Intensive Care Units.) This information was obtained from the AHA 1989 Annual Survey of Hospitals. Where hospitals did not provide information to AHA on a particular item, it has been listed as not available. This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's OSCAR file.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the FY 1989 summary data information.

SURVEY AND YEAR: AHA 1989 Source = American Hospital Association 1989 Annual Survey of Hospital Files

Total beds (#): Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent): Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control: State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

STAFFING (as of 09/30/88):

Total number of physicians: Total active and associate medical staff.

Percent of physicians who are board-certified specialists: Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

AHA DEFINED SPECIALTY SERVICES:

Burn unit: Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac intensive care: Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric Assessment: Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. Includes the assessment of medical conditions, functional activities and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice care: A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/surgical intensive care: Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.

Organ transplant service equipment: The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.

Other intensive care: Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric and/or psychiatric care on the basis of physicians' orders and approved nursing plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Rehabilitation unit: Unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Trauma center: Provides emergency and specialized intensive care to critically injured patients.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Online Survey Certification and Reporting System (OSCAR) definitions of some characteristics found on the hospital's summary page containing the 1986, 1987, and 1988 mortality rates and ranges.

SURVEY AND YEAR: OSCAR 19___

Total beds (#): Total number of operational beds eligible for Medicare payment.

Ownership/control: Church; private; Federal, State, local government, or hospital district or authority; proprietary.

STAFFING:

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

OSCAR DEFINED SPECIALTY SERVICES:

There are no specific definitions of specialty services in OSCAR. These characteristics are self-reported by each hospital at initial certification and recertification. However, they are generally understood to parallel the explicit AHA definitions.

Table 1

STATES BY REGION AND VOLUME

REGION		VOLUME	STATE
I	Boston	1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
II	New York	2	New Jersey, Puerto Rico, Virgin Islands
		3	New York
III	Philadelphia	4	Delaware, District of Columbia, Maryland, Virginia, West Virginia
		5	Pennsylvania
IV	Atlanta	6	Alabama, Georgia
		7	Florida
		8	Kentucky, Mississippi, South Carolina
		9	North Carolina, Tennessee
V	Chicago	10	Illinois
		11	Indiana, Michigan
		12	Minnesota, Wisconsin
		13	Ohio

VI	Dallas	14	Arkansas, Oklahoma
		15	Louisiana, New Mexico
		16	Texas (A - L)
		17	Texas (M - Z)
VII	Kansas City	18	Iowa, Kansas
		19	Missouri, Nebraska
VIII	Denver	20	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
IX	San Francisco	21	American Samoa/Guam, Arizona, Hawaii, Nevada
		22	California (A - L)
		23	California (M - Z)
X	Seattle	24	Alaska, Idaho, Oregon, Washington

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Table 2

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation:

CONDITION/PROCEDURE	ICD-9-CM CODES (D) = DIAGNOSTIC CODE (P) = PROCEDURE CODE
Heart Disorders/Procedures:	
Acute Myocardial Infarction	410 (D) (exclude 410 with 5th digit of 2 after 10/1/89)
Congestive Heart Failure	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty	36.0 excluding 36.00, 36.03, 36.04, 36.09 (all P)
Coronary Artery Bypass Graft	36.1 (P)
Pacemaker Insertion, Initial	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70—37.73) (all P)
Pulmonary Disorders:	
Pneumonia/Influenza	480-481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary Disease	491-492; 494; 496; and 466.0, 518.5, 518.82, and 786.09 when there is a secondary diagnosis of any 496 (all D)
Cerebrovascular Disorders/Procedures:	
Transient Cerebral Ischemia	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy, 38.12 (P) at the time of admission
Stroke	431, 434-434.9, 436 (all D)
Carotid Endarterectomy	38.12 (P) with 433.1 (D), 433.3 (D), or 435 (D) as principal diagnosis

Musculoskeletal Disorders/Procedures:

Fracture of Neck of Femur	820 (D)
Hip Replacement/Revision	81.5, 81.6 (exclude 81.69) (81.51—81.53 after 10/1/89) (all P)
Open Reduction of Fractured Femur	79.35 (P) on condition of 820 (D) as principal diagnosis

Genitourinary Procedures:

Prostatectomy	60.2, 60.3-60.69 (all P)
Hysterectomy	68.3-68.7 (P)

Gastrointestinal Procedures:

Cholecystectomy	51.22 (P)

Sepsis:

Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038, 054.5 (all D)

Table 3

COMORBIDITY CONDITIONS
(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587
Chronic cardiovascular disease	412-414.9, 426-429.1

North Carolina

ALAMANCE COUNTY HOSPITAL

327 North Graham-Hopedale Rd
Burlington, NC 27215

Medicare Provider Number: 340034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,304	13.5	11.5	1.2	18.3	16.3	1.4	22.5	20.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	69	36.2	32.8	7.6	37.7	36.2	10.3	44.9	39.9	12.2
Congestive Heart Failure	74	20.3	13.9	7.0	27.0	21.1	9.2	32.4	27.3	9.1
Pneumonia/Influenza	65	20.0	13.8	8.1	24.6	18.7	8.3	27.7	22.8	8.9
Chronic Obstructive Pulmonary Disease	8	0.0	3.8	*	0.0	7.0	*	12.5	10.1	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.4	*	14.3	7.0	*
Stroke	66	50.0	22.3	8.2	56.1	28.4	8.2	57.6	33.1	7.9
Hip Fracture	61	4.9	6.1	3.4	8.2	10.7	4.7	14.8	13.8	4.5
Sepsis	33	24.2	25.7	*	30.3	31.9	*	33.3	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	8.2	*	13.3	13.1	*	26.7	17.4	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	36	0.0	3.3	*	2.8	6.3	*	8.3	8.4	*
Open Reduction of Hip Fracture	36	5.6	5.6	*	8.3	10.2	*	13.9	13.2	*
Prostatectomy	39	2.6	1.1	*	2.6	2.8	*	2.6	4.8	*
Cholecystectomy	53	0.0	1.7	2.7	1.9	2.8	3.1	3.8	3.7	3.7
Hysterectomy	12	0.0	1.0	*	0.0	2.1	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	120
Occupancy Rate	55
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	108
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	146
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALAMANCE COUNTY HOSPITAL

Medicare Provider Number: 340034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,201	12.8	10.7	1.4	18.1	15.3	1.7	21.1	18.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	64	35.9	32.0	7.5	39.1	35.7	8.2	43.8	39.6	8.2
Congestive Heart Failure	66	13.6	15.0	4.6	27.3	22.7	5.5	36.4	29.0	6.7
Pneumonia/Influenza	54	25.9	16.1	8.2	29.6	21.9	7.6	33.3	26.6	7.7
Chronic Obstructive Pulmonary Disease	16	6.3	6.3	*	12.5	10.5	*	12.5	14.4	*
Transient Cerebral Ischemia	19	5.3	1.8	*	10.5	3.7	*	10.5	5.7	*
Stroke	48	22.9	19.1	*	31.3	24.7	*	31.3	29.1	*
Hip Fracture	63	7.9	5.8	4.2	12.7	10.4	5.2	15.9	13.4	5.9
Sepsis	15	33.3	31.0	*	40.0	38.8	*	40.0	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	18.1	*	33.3	21.1	*	33.3	24.3	*
Carotid Endarterectomy	3	0.0	1.5	*	0.0	2.9	*	0.0	4.4	*
Hip Replacement/Reconstruction	29	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Open Reduction of Hip Fracture	24	16.7	5.9	*	25.0	11.0	*	29.2	14.4	*
Prostatectomy	41	0.0	1.2	*	4.9	2.8	*	4.9	4.4	*
Cholecystectomy	44	6.8	3.2	*	11.4	5.5	*	11.4	7.0	*
Hysterectomy	10	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,091	14.2	11.6	1.3	20.0	16.5	1.7	23.5	20.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	55	34.5	33.3	7.2	41.8	36.5	8.3	45.5	40.0	9.7
Congestive Heart Failure	50	24.0	12.6	*	34.0	18.9	*	44.0	24.7	*
Pneumonia/Influenza	45	24.4	15.4	*	31.1	21.3	*	35.6	26.1	*
Chronic Obstructive Pulmonary Disease	17	5.9	5.0	*	5.9	8.6	*	11.8	11.7	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.3	*	0.0	5.2	*
Stroke	50	20.0	19.7	*	32.0	26.2	*	38.0	30.7	*
Hip Fracture	63	7.9	6.1	5.7	14.3	11.1	5.7	15.9	14.3	5.1
Sepsis	25	28.0	27.4	*	44.0	34.1	*	44.0	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	6.5	*	8.3	10.1	*	16.7	13.0	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	30	6.7	5.3	*	13.3	10.0	*	13.3	13.2	*
Open Reduction of Hip Fracture	13	7.7	4.7	*	15.4	9.1	*	15.4	12.1	*
Prostatectomy	37	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	17	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	14	7.1	0.8	*	7.1	1.6	*	7.1	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ALAMANCE MEMORIAL HOSPITAL

730 Hermitage Rd Box 4008
Burlington, NC 27215

Medicare Provider Number: 340070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	928	11.2	10.6	1.3	16.4	15.1	1.6	18.4	18.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	62	29.0	28.5	5.7	38.7	31.9	7.0	43.5	35.6	7.8
Congestive Heart Failure	60	13.3	14.1	4.6	20.0	22.0	5.7	21.7	28.6	8.1
Pneumonia/Influenza	55	14.5	17.3	5.6	25.5	23.1	6.6	29.1	27.5	6.7
Chronic Obstructive Pulmonary Disease	10	10.0	4.3	*	10.0	9.0	*	10.0	13.4	*
Transient Cerebral Ischemia	10	0.0	1.5	*	0.0	3.1	*	10.0	4.8	*
Stroke	39	20.5	16.1	*	30.8	22.2	*	30.8	26.3	*
Hip Fracture	34	8.8	6.3	*	20.6	11.3	*	20.6	14.6	*
Sepsis	32	18.8	21.0	*	28.1	28.6	*	31.3	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.0	*	22.2	5.8	*	22.2	8.2	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.2	*	0.0	5.0	*
Hip Replacement/Reconstruction	13	0.0	3.1	*	0.0	5.8	*	0.0	7.8	*
Open Reduction of Hip Fracture	16	18.8	6.8	*	31.3	12.5	*	31.3	16.3	*
Prostatectomy	40	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*
Cholecystectomy	23	4.3	2.2	*	4.3	3.7	*	4.3	5.0	*
Hysterectomy	8	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	220
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	108
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	87
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALAMANCE MEMORIAL HOSPITAL

Medicare Provider Number: 340070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	834	10.3	11.2	1.5	17.4	15.9	1.6	20.7	19.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	63	28.6	29.5	5.8	33.3	32.6	6.1	41.3	36.0	6.9
Congestive Heart Failure	62	9.7	13.8	8.2	17.7	21.4	8.5	27.4	27.7	5.8
Pneumonia/Influenza	36	25.0	14.6	*	30.6	20.2	*	30.6	24.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	6.5	*	11.1	10.7	*	11.1	14.5	*
Transient Cerebral Ischemia	9	0.0	2.0	*	0.0	4.6	*	11.1	7.3	*
Stroke	47	14.9	18.4	*	27.7	25.4	*	27.7	30.2	*
Hip Fracture	29	0.0	5.7	*	3.4	10.6	*	3.4	13.9	*
Sepsis	16	31.3	25.9	*	31.3	34.5	*	31.3	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	23.5	*	33.3	28.9	*	50.0	32.3	*
Carotid Endarterectomy	2	0.0	2.4	*	0.0	4.7	*	0.0	6.9	*
Hip Replacement/Reconstruction	11	0.0	2.0	*	0.0	4.0	*	0.0	5.5	*
Open Reduction of Hip Fracture	13	0.0	4.8	*	7.7	9.3	*	7.7	12.5	*
Prostatectomy	16	0.0	1.2	*	0.0	2.8	*	6.3	4.4	*
Cholecystectomy	18	5.6	1.5	*	11.1	2.5	*	11.1	3.3	*
Hysterectomy	9	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	762	9.2	10.7	1.4	14.4	15.1	1.3	18.6	18.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	63	20.6	26.5	7.7	28.6	30.0	6.8	31.7	33.7	7.0
Congestive Heart Failure	43	4.7	17.3	*	18.6	24.8	*	27.9	31.0	*
Pneumonia/Influenza	22	4.5	14.9	*	18.2	20.0	*	22.7	24.1	*
Chronic Obstructive Pulmonary Disease	16	0.0	6.7	*	6.3	11.1	*	18.8	14.8	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	41	14.6	20.8	*	19.5	27.2	*	34.1	31.6	*
Hip Fracture	35	5.7	8.0	*	8.6	13.8	*	20.0	17.5	*
Sepsis	19	21.1	21.7	*	31.6	29.5	*	42.1	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.5	*	16.7	6.3	*	16.7	8.6	*
Carotid Endarterectomy	2	0.0	1.9	*	0.0	4.3	*	0.0	6.3	*
Hip Replacement/Reconstruction	11	0.0	7.0	*	0.0	13.2	*	18.2	17.5	*
Open Reduction of Hip Fracture	16	12.5	5.5	*	18.8	10.3	*	25.0	13.3	*
Prostatectomy	24	0.0	1.0	*	4.2	2.4	*	8.3	3.9	*
Cholecystectomy	25	8.0	2.6	*	8.0	5.0	*	8.0	6.7	*
Hysterectomy	11	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ALBEMARLE HOSPITAL

1144 N Road St
Elizabeth City, NC 27909

Medicare Provider Number: 340109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,549	10.5	10.6	1.0	15.7	15.5	1.2	18.8	19.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	50	20.0	28.4	*	26.0	31.4	*	28.0	34.7	*
Congestive Heart Failure	127	12.6	13.2	3.3	19.7	20.8	3.9	24.4	27.2	6.0
Pneumonia/Influenza	124	18.5	16.5	4.0	24.2	22.4	3.9	25.8	27.1	4.1
Chronic Obstructive Pulmonary Disease	6	0.0	5.9	*	0.0	9.9	*	0.0	13.2	*
Transient Cerebral Ischemia	18	0.0	2.2	*	0.0	5.1	*	5.6	8.2	*
Stroke	85	12.9	20.4	7.5	21.2	26.4	6.4	28.2	30.7	5.3
Hip Fracture	48	4.2	7.6	*	12.5	13.7	*	14.6	17.7	*
Sepsis	29	27.6	30.8	*	34.5	38.6	*	44.8	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	4.3	*	11.8	8.7	*	17.6	12.4	*
Carotid Endarterectomy	7	0.0	1.3	*	0.0	2.3	*	0.0	3.5	*
Hip Replacement/Reconstruction	15	0.0	4.4	*	6.7	8.5	*	6.7	11.5	*
Open Reduction of Hip Fracture	12	0.0	7.9	*	8.3	15.2	*	8.3	20.1	*
Prostatectomy	63	1.6	0.9	1.4	1.6	2.2	3.0	4.8	3.6	4.0
Cholecystectomy	42	2.4	1.4	*	4.8	2.4	*	9.5	3.0	*
Hysterectomy	4	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	137
Occupancy Rate	78
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	44
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	138
Licensed Practical Nurses	62

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALBEMARLE HOSPITAL

Medicare Provider Number: 340109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,527	12.6	11.2	1.0	19.0	16.2	1.4	22.5	20.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	42	42.9	31.6	*	52.4	35.3	*	64.3	39.1	*
Congestive Heart Failure	122	19.7	13.9	4.2	31.1	21.4	6.2	37.7	27.7	6.5
Pneumonia/Influenza	95	14.7	17.1	4.9	23.2	22.9	4.4	26.3	27.4	4.7
Chronic Obstructive Pulmonary Disease	9	0.0	7.3	*	0.0	13.1	*	0.0	18.4	*
Transient Cerebral Ischemia	19	0.0	2.7	*	5.3	5.9	*	5.3	9.2	*
Stroke	73	31.5	23.8	10.5	35.6	30.4	10.3	39.7	35.1	8.7
Hip Fracture	51	7.8	6.2	3.7	9.8	11.1	4.6	13.7	14.2	5.0
Sepsis	15	26.7	33.6	*	40.0	39.7	*	46.7	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	14.3	7.4	*	14.3	11.9	*	23.8	15.9	*
Carotid Endarterectomy	2	0.0	1.4	*	50.0	2.2	*	50.0	3.1	*
Hip Replacement/Reconstruction	24	0.0	3.9	*	0.0	7.6	*	4.2	10.1	*
Open Reduction of Hip Fracture	10	0.0	6.1	*	0.0	11.5	*	0.0	15.0	*
Prostatectomy	53	0.0	0.9	1.7	1.9	2.1	2.4	3.8	3.3	3.5
Cholecystectomy	37	5.4	2.4	*	10.8	4.2	*	10.8	5.4	*
Hysterectomy	11	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,403	10.5	10.9	1.1	14.7	15.8	1.5	18.5	19.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	58	31.0	31.6	6.6	34.5	35.0	6.8	36.2	38.4	6.5
Congestive Heart Failure	117	19.7	15.5	5.7	25.6	23.4	5.3	29.1	30.0	4.3
Pneumonia/Influenza	83	19.3	18.2	4.8	22.9	24.7	5.0	26.5	29.6	6.0
Chronic Obstructive Pulmonary Disease	6	0.0	5.7	*	0.0	10.6	*	16.7	15.5	*
Transient Cerebral Ischemia	10	0.0	2.0	*	0.0	4.2	*	0.0	6.7	*
Stroke	67	17.9	25.4	10.3	26.9	32.0	9.1	31.3	36.8	9.4
Hip Fracture	40	5.0	7.0	*	10.0	12.6	*	15.0	16.1	*
Sepsis	15	20.0	34.5	*	33.3	40.0	*	40.0	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	27	3.7	4.5	*	3.7	8.9	*	18.5	12.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	4.8	6.0	*	9.5	11.1	*	14.3	14.2	*
Open Reduction of Hip Fracture	4	0.0	4.8	*	25.0	9.1	*	25.0	11.9	*
Prostatectomy	62	0.0	0.9	1.4	0.0	2.1	2.6	1.6	3.5	2.8
Cholecystectomy	28	3.6	2.0	*	7.1	3.6	*	10.7	4.7	*
Hysterectomy	12	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ALEXANDER COUNTY HOSPITAL

326 Third St SW
Taylorsville, NC 28681

Medicare Provider Number: 340067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	359	10.0	10.5	1.8	13.6	15.3	2.7	18.4	19.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	15	53.3	26.5	*	53.3	29.5	*	53.3	33.0	*
Congestive Heart Failure	16	25.0	15.5	*	31.3	24.5	*	37.5	31.9	*
Pneumonia/Influenza	46	15.2	18.1	*	21.7	24.5	*	26.1	29.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.8	*	20.0	14.3	*	20.0	19.3	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.2	*	0.0	8.5	*
Stroke	19	10.5	19.6	*	21.1	27.4	*	26.3	31.8	*
Hip Fracture	5	0.0	7.4	*	20.0	13.8	*	40.0	18.5	*
Sepsis	2	0.0	29.4	*	0.0	34.0	*	0.0	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	8.1	*	0.0	13.7	*	0.0	16.7	*
Prostatectomy	13	0.0	1.5	*	0.0	3.4	*	0.0	5.2	*
Cholecystectomy	2	0.0	2.1	*	0.0	4.1	*	0.0	5.4	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALEXANDER COUNTY HOSPITAL

Medicare Provider Number: 340067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	377	7.2	10.3	2.5	12.2	15.0	2.8	15.1	19.0	3.3
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	33.5	*	31.3	38.4	*	37.5	42.9	*
Congestive Heart Failure	15	6.7	14.2	*	13.3	21.1	*	20.0	27.1	*
Pneumonia/Influenza	46	10.9	17.6	*	15.2	23.0	*	19.6	27.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.2	*	0.0	13.7	*	0.0	20.0	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	15	20.0	24.5	*	33.3	32.8	*	46.7	37.7	*
Hip Fracture	5	0.0	5.2	*	0.0	9.6	*	0.0	12.5	*
Sepsis	3	33.3	32.3	*	33.3	37.8	*	33.3	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.6	*	0.0	7.7	*	0.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	4.5	*	0.0	8.7	*	0.0	11.5	*
Prostatectomy	11	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*
Cholecystectomy	5	0.0	1.5	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	376	7.4	11.0	2.3	15.4	16.0	2.7	18.1	20.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	32.4	*	37.5	35.8	*	37.5	39.8	*
Congestive Heart Failure	16	6.3	15.3	*	12.5	22.8	*	18.8	29.1	*
Pneumonia/Influenza	33	12.1	18.5	*	21.2	24.8	*	24.2	29.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	15	6.7	23.3	*	26.7	31.4	*	26.7	36.3	*
Hip Fracture	5	0.0	4.9	*	0.0	8.5	*	0.0	10.9	*
Sepsis	3	33.3	50.0	*	66.7	58.1	*	66.7	65.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	5.9	*	0.0	10.2	*	0.0	12.7	*
Prostatectomy	8	0.0	1.6	*	12.5	3.9	*	12.5	6.3	*
Cholecystectomy	4	0.0	3.7	*	0.0	7.1	*	0.0	9.3	*
Hysterectomy	1	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ALLEGHANY COUNTY MEMORIAL HOSPITAL

Hospital Rd
Sparta, NC 28675

Medicare Provider Number: 340044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	418	11.7	10.3	2.7	15.3	15.4	3.4	21.3	19.4	3.2
CONDITIONS:										
Acute Myocardial Infarction	21	47.6	29.6	*	47.6	32.8	*	52.4	35.9	*
Congestive Heart Failure	22	13.6	18.5	*	31.8	29.0	*	40.9	36.7	*
Pneumonia/Influenza	39	12.8	13.1	*	12.8	18.2	*	20.5	22.2	*
Chronic Obstructive Pulmonary Disease	10	20.0	9.0	*	20.0	16.7	*	30.0	23.6	*
Transient Cerebral Ischemia	9	11.1	2.6	*	11.1	6.4	*	11.1	10.7	*
Stroke	19	52.6	21.9	*	57.9	27.4	*	63.2	31.6	*
Hip Fracture	1	0.0	6.9	*	0.0	11.8	*	0.0	15.6	*
Sepsis	2	0.0	13.1	*	0.0	18.4	*	0.0	22.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.0	*	0.0	10.9	*	0.0	14.6	*
Prostatectomy	1	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Cholecystectomy	8	0.0	2.2	*	0.0	3.9	*	0.0	5.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALLEGHANY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 340044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	399	10.3	11.0	1.6	14.8	16.0	2.2	17.0	20.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	28.7	*	41.2	32.0	*	41.2	35.6	*
Congestive Heart Failure	31	3.2	17.5	*	12.9	27.1	*	12.9	34.4	*
Pneumonia/Influenza	51	11.8	15.1	6.1	19.6	20.3	7.9	21.6	24.5	6.5
Chronic Obstructive Pulmonary Disease	5	0.0	10.5	*	20.0	19.6	*	20.0	27.4	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.3	*	25.0	5.0	*
Stroke	18	33.3	25.2	*	38.9	32.5	*	38.9	37.6	*
Hip Fracture	2	0.0	5.0	*	50.0	9.4	*	50.0	12.3	*
Sepsis	1	0.0	25.7	*	0.0	29.6	*	0.0	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.3	*	50.0	8.5	*	50.0	11.4	*
Prostatectomy	3	0.0	2.9	*	0.0	7.8	*	0.0	13.8	*
Cholecystectomy	3	0.0	2.5	*	0.0	4.8	*	0.0	6.9	*
Hysterectomy	2	0.0	0.6	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	345	9.9	10.9	2.0	14.5	16.1	2.4	19.1	20.4	2.9
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	24.9	*	21.7	28.5	*	21.7	32.0	*
Congestive Heart Failure	16	6.3	19.2	*	18.8	28.4	*	18.8	35.8	*
Pneumonia/Influenza	41	17.1	18.1	*	24.4	24.3	*	31.7	29.2	*
Chronic Obstructive Pulmonary Disease	11	36.4	12.4	*	36.4	20.1	*	45.5	26.1	*
Transient Cerebral Ischemia	12	0.0	2.3	*	0.0	5.0	*	8.3	8.2	*
Stroke	14	28.6	20.0	*	42.9	27.1	*	42.9	31.8	*
Hip Fracture	3	33.3	6.5	*	33.3	11.5	*	33.3	14.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	50.0	5.5	*	50.0	10.3	*	50.0	13.7	*
Prostatectomy	0									
Cholecystectomy	6	0.0	2.0	*	0.0	3.6	*	0.0	4.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

AMI FRYE REGIONAL MEDICAL CENTER

420 N Center St
Hickory, NC 28601

Medicare Provider Number: 340116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,659	13.0	9.5	1.1	18.3	14.0	1.4	21.0	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	57	35.1	27.5	10.2	40.4	30.5	9.3	40.4	33.7	9.9
Congestive Heart Failure	54	13.0	14.2	5.1	25.9	21.5	7.0	29.6	27.7	6.3
Pneumonia/Influenza	77	20.8	16.5	6.7	29.9	22.4	8.6	31.2	27.1	6.6
Chronic Obstructive Pulmonary Disease	9	11.1	4.8	*	22.2	8.0	*	22.2	11.0	*
Transient Cerebral Ischemia	12	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	74	28.4	20.0	5.9	37.8	26.4	7.2	44.6	30.7	8.2
Hip Fracture	57	3.5	7.2	4.6	10.5	12.4	5.3	14.0	15.8	5.6
Sepsis	26	34.6	25.5	*	42.3	33.4	*	42.3	39.8	*
PROCEDURES:										
Angioplasty	2	0.0	4.7	*	0.0	5.3	*	0.0	6.0	*
Coronary Artery Bypass Graft	3	0.0	2.7	*	0.0	3.9	*	0.0	4.9	*
Initial Pacemaker Insertion	7	14.3	3.8	*	14.3	5.9	*	14.3	7.6	*
Carotid Endarterectomy	18	0.0	1.3	*	5.6	2.3	*	5.6	3.2	*
Hip Replacement/Reconstruction	36	2.8	3.1	*	2.8	5.5	*	2.8	7.1	*
Open Reduction of Hip Fracture	31	3.2	6.7	*	12.9	12.3	*	16.1	15.9	*
Prostatectomy	81	0.0	0.9	*	0.0	1.7	*	0.0	2.6	*
Cholecystectomy	49	6.1	2.9	*	8.2	4.5	*	8.2	5.6	*
Hysterectomy	20	0.0	0.4	*	5.0	0.8	*	5.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	275
Occupancy Rate	52
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	135
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	233
Licensed Practical Nurses	45

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

AMI FRYE REGIONAL MEDICAL CENTER

Medicare Provider Number: 340116

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,441	12.1	9.9	1.2	16.8	14.5	1.3	19.8	18.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	56	23.2	25.7	6.2	25.0	28.8	7.2	26.8	32.1	9.2
Congestive Heart Failure	32	21.9	13.3	*	34.4	20.6	*	37.5	27.0	*
Pneumonia/Influenza	58	22.4	17.2	6.3	27.6	23.2	6.2	31.0	27.8	6.3
Chronic Obstructive Pulmonary Disease	7	28.6	4.2	*	28.6	8.4	*	28.6	12.2	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	3.9	*	0.0	5.9	*
Stroke	76	27.6	22.9	6.3	34.2	29.3	6.9	39.5	33.8	7.6
Hip Fracture	66	3.0	6.2	4.6	10.6	11.1	4.9	13.6	14.2	4.3
Sepsis	7	14.3	18.8	*	14.3	24.9	*	14.3	30.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.0	*	0.0	5.8	*	20.0	8.5	*
Carotid Endarterectomy	24	4.2	1.4	*	4.2	2.6	*	4.2	3.9	*
Hip Replacement/Reconstruction	50	2.0	4.1	*	6.0	8.1	*	8.0	11.0	*
Open Reduction of Hip Fracture	35	2.9	5.1	*	8.6	9.4	*	14.3	12.2	*
Prostatectomy	71	2.8	0.8	2.1	5.6	1.8	3.5	5.6	3.0	3.4
Cholecystectomy	49	6.1	2.0	*	6.1	3.5	*	8.2	4.6	*
Hysterectomy	23	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,285	12.5	10.1	1.2	18.7	14.8	2.1	21.6	18.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	65	36.9	29.3	7.6	43.1	32.4	10.5	43.1	35.6	8.8
Congestive Heart Failure	48	29.2	16.9	*	52.1	25.1	*	54.2	31.9	*
Pneumonia/Influenza	55	12.7	16.9	5.6	25.5	22.8	5.9	29.1	27.7	6.8
Chronic Obstructive Pulmonary Disease	18	11.1	7.4	*	27.8	12.1	*	33.3	15.7	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.3	*	0.0	6.5	*
Stroke	69	30.4	22.6	7.5	34.8	28.7	6.9	37.7	32.9	6.3
Hip Fracture	53	7.5	6.4	4.5	13.2	11.2	5.3	15.1	14.4	4.9
Sepsis	8	25.0	28.8	*	25.0	38.2	*	37.5	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.1	*	0.0	4.3	*	0.0	6.6	*
Carotid Endarterectomy	37	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	27	0.0	3.4	*	3.7	6.4	*	3.7	8.6	*
Open Reduction of Hip Fracture	24	12.5	7.2	*	20.8	12.9	*	25.0	16.4	*
Prostatectomy	62	1.6	0.8	1.3	1.6	1.9	1.8	3.2	3.1	2.2
Cholecystectomy	40	0.0	2.6	*	2.5	4.8	*	2.5	6.3	*
Hysterectomy	18	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Medicare Provider
Number 340116

AMI Frye Regional
Medical Center

Frye Regional Medical Center

Frye Regional Medical Center is a 275-bed tertiary care facility that provides highly sophisticated regional services, serving a nine-county area in northwestern North Carolina. The specialties provided include neurosurgery, neurology, nephrology, pulmonology, cardiology, and cardiac surgery.

Frye's Quality Management Program

Quality care is the single most important mission of Frye Regional Medical Center. The hospital uses a number of ongoing, objective quality screening tools on which to focus review and thereby identify ways to enhance patient care. While it cannot stand alone as a measure of quality in any circumstance, mortality screening and review activities are an important aspect of our quality management program.

The major system for monitoring and evaluating quality at Frye is MEDISGROUPS (Medical Illness Severity Grouping System). This is a computerized system of sensitive indicators which measures the effectiveness (patient outcome), efficiency (resource utilization), and appropriateness of patient care. It is based on a universal language of key clinical findings that indicate the presence of an abnormality. These findings generate objective severity of illness groupings which range from "0" to "4", with "0" being the lowest severity and almost no potential for organ failure and "4" being the highest severity and the presence of organ failure on admission.

The large advantage to MEDISGROUPS is that we have access to a national database to which we can compare ourselves. Our outcomes, severity scores, age, length of stay, and charge information are compared to national statistics on an ongoing basis. Any significant deviations from the norm are therefore systematically reviewed and evaluated.

Analysis of Data

In 1989, 2155 Medicare patients were discharged from Frye Regional Medical Center's acute care facility. 66% of these were discharged to home; 9% were discharged to a skilled nursing facility; 4% to another acute care hospital; 2% to an intermediate care facility; 2% to a rehabilitation facility; and 9% to Home Health. Only 8% of these patients died in the hospital. The remaining deaths reported by HCFA occurred after discharge.

The average admission severity of all Medicare patients admitted to Frye Regional Medical Center in 1989 was 1.60, compared to a national average of 1.49. The average admission severity for Medicare hospital deaths was 2.52, indicating a complex, acutely ill patient population.

The Medicare case mix index (HCFA's method of determining Medicare payment to hospitals) for Frye in 1989 was 1.5398. By comparison, an "average" patient population would have a case mix index of 1.0 This data clearly demonstrates that FRMC treats an extremely sick patient population.

The HCFA data indicates that FRMC's overall mortality rate is higher than HCFA's predicted rate. In further analysis of the HCFA breakdowns by conditions and procedures, only one diagnosis (stroke) has a predicted rate inconsistent with nationally expected variability. Instead of looking at strokes alone, we have analyzed all the breakdowns to give a better understanding of the type of quality management activities that take place concerning all patients admitted to Frye Regional Medical Center.

	Patients Who Died at FRMC							
	Severity		Mortality		Age		Group 3 & 4 Deaths (%)	
Conditions	FRMC	Nat'l	FRMC	Nat'l	FRMC	Nat'l	FRMC	Nat'l
Acute Myocardial Infarction	2.70	2.59	25.6	20.7	77.5	76.6	74	59
Congestive Heart Failure	2.67	2.62	14.9	12.7	77.7	78.6	66	60
Pneumonia/ Influenza	2.91	2.57	16.4	17.2	81.0	78.7	87	56
Chronic Obstructive Pulmonary Disease	2.63	2.55	11.3	8.5	75.7	75.4	68	55
Stroke	2.65	2.63	27.4	17.9	78.3	77.9	65	64
Transient Cerebral Ischemia			0	1.0				
Hip Fracture	3.00	1.98	2.0	5.6	90.9	82.9	100	20
Procedures								
Angioplasty			0	2.9				
Coronary Artery Bypass Graft			0	6.7				
Initial Pacemaker Insertion	3.00	2.39	9.1	3.3	80.0	77.3	100	49
Carotid Endarterectomy			0	1.2				
Hip Replacement/ Reconstruction	3.00	1.68	3.0	1.7	90.0	80.3	100	17
Open Reduction of Hip Fracture			0	5.1				
Prostatectomy			0	.8				
Hysterectomy			0	1.2				
Cholecystectomy	3.00	2.10	5.7	4.0	79.5	76.6	100	30

As shown above, Frye's severity for the Medicare deaths is higher than the national averages in all of the breakdowns.Frye's mortality is at the borderline of being significantly higher in only chronic obstructive pulmonary disease (at .1 level). With most of the deaths occurring in severity groups 3 and 4, this again demonstrates that FRMC treats a very sick group of patients with a high probability of organ failure at the time of admission.

Summary

Frye Regional Medical Center takes pride in the quality of care provided. The Board of Directors, the Medical Staff, Administration, and the hospital staff strongly support the quality management systems in place.

ANGEL COMMUNITY HOSPITAL

Riverview at White Oak St
Franklin, NC 28734

Medicare Provider Number: 340012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	909	10.3	9.0	1.8	14.5	13.5	2.0	18.3	17.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	37	35.1	27.4	*	35.1	30.9	*	37.8	34.6	*
Congestive Heart Failure	34	23.5	18.2	*	35.3	27.8	*	41.2	35.2	*
Pneumonia/Influenza	64	17.2	14.5	4.6	18.8	19.9	5.2	18.8	24.3	6.1
Chronic Obstructive Pulmonary Disease	25	4.0	5.0	*	8.0	9.7	*	8.0	14.1	*
Transient Cerebral Ischemia	8	0.0	1.8	*	0.0	4.0	*	12.5	6.4	*
Stroke	26	23.1	21.1	*	30.8	27.2	*	42.3	31.7	*
Hip Fracture	52	5.8	6.3	3.7	11.5	11.7	4.6	13.5	15.5	6.0
Sepsis	8	37.5	33.9	*	75.0	41.7	*	75.0	49.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	6	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	23	8.7	5.2	*	13.0	10.8	*	21.7	15.1	*
Open Reduction of Hip Fracture	27	3.7	5.4	*	7.4	10.3	*	11.1	13.7	*
Prostatectomy	10	10.0	0.8	*	10.0	2.1	*	10.0	3.8	*
Cholecystectomy	23	0.0	3.8	*	0.0	7.1	*	8.7	9.4	*
Hysterectomy	6	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	58
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ANGEL COMMUNITY HOSPITAL

Medicare Provider Number: 340012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	808	11.0	9.6	1.3	14.7	14.1	1.6	17.8	17.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	28.0	*	37.5	31.1	*	37.5	34.8	*
Congestive Heart Failure	25	16.0	16.0	*	20.0	24.0	*	28.0	30.8	*
Pneumonia/Influenza	45	17.8	19.0	*	26.7	25.7	*	28.9	30.9	*
Chronic Obstructive Pulmonary Disease	14	0.0	7.1	*	14.3	13.0	*	28.6	18.3	*
Transient Cerebral Ischemia	9	0.0	2.7	*	11.1	6.5	*	11.1	10.6	*
Stroke	17	41.2	23.1	*	47.1	30.5	*	47.1	35.6	*
Hip Fracture	30	0.0	6.4	*	0.0	11.8	*	3.3	15.4	*
Sepsis	6	33.3	37.5	*	33.3	43.4	*	33.3	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	2	0.0	1.0	*	0.0	1.8	*	0.0	2.7	*
Hip Replacement/Reconstruction	11	0.0	5.2	*	0.0	10.6	*	0.0	14.3	*
Open Reduction of Hip Fracture	19	0.0	4.9	*	0.0	9.3	*	0.0	12.5	*
Prostatectomy	0									
Cholecystectomy	22	9.1	4.1	*	9.1	6.4	*	9.1	7.4	*
Hysterectomy	11	0.0	1.1	*	0.0	2.5	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	793	7.2	8.4	1.4	11.5	12.6	1.5	14.8	16.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	30	23.3	22.4	*	23.3	25.8	*	30.0	29.4	*
Congestive Heart Failure	17	5.9	13.7	*	11.8	21.2	*	29.4	27.7	*
Pneumonia/Influenza	41	12.2	16.9	*	17.1	23.1	*	17.1	28.1	*
Chronic Obstructive Pulmonary Disease	16	0.0	10.2	*	6.3	17.4	*	6.3	22.5	*
Transient Cerebral Ischemia	4	0.0	4.2	*	0.0	9.6	*	0.0	15.1	*
Stroke	29	27.6	21.0	*	31.0	27.5	*	41.4	32.4	*
Hip Fracture	38	7.9	7.3	*	13.2	13.4	*	18.4	17.4	*
Sepsis	6	16.7	22.0	*	33.3	28.3	*	33.3	33.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	7	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	11	0.0	5.0	*	9.1	9.5	*	9.1	12.4	*
Open Reduction of Hip Fracture	22	4.5	5.5	*	9.1	10.6	*	13.6	14.1	*
Prostatectomy	27	7.4	0.6	*	7.4	1.3	*	11.1	2.3	*
Cholecystectomy	22	4.5	1.9	*	4.5	3.3	*	4.5	4.1	*
Hysterectomy	7	0.0	0.9	*	0.0	1.7	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ANNIE PENN MEMORIAL HOSPITAL

618 S Main St
Reidsville, NC 27320

Medicare Provider Number: 340007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	995	10.5	10.7	1.0	17.2	15.9	1.6	21.3	19.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	20	25.0	28.1	*	30.0	30.7	*	30.0	33.6	*
Congestive Heart Failure	68	19.1	15.1	8.0	27.9	23.3	9.6	35.3	30.3	8.8
Pneumonia/Influenza	68	14.7	16.3	4.9	22.1	22.1	6.0	26.5	26.7	5.4
Chronic Obstructive Pulmonary Disease	38	5.3	7.1	*	13.2	11.7	*	15.8	16.0	*
Transient Cerebral Ischemia	21	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke	67	16.4	20.3	5.1	25.4	26.9	5.7	32.8	31.5	5.7
Hip Fracture	26	7.7	5.5	*	7.7	10.4	*	11.5	13.9	*
Sepsis	10	30.0	29.2	*	40.0	37.1	*	50.0	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	10.3	*	33.3	15.3	*	33.3	19.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	6.4	*	20.0	12.1	*	33.3	16.5	*
Open Reduction of Hip Fracture	13	7.7	5.0	*	7.7	9.3	*	7.7	12.1	*
Prostatectomy	29	0.0	1.2	*	6.9	2.8	*	6.9	4.6	*
Cholecystectomy	23	0.0	2.7	*	4.3	4.8	*	8.7	6.3	*
Hysterectomy	11	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	152
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	97
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ANNIE PENN MEMORIAL HOSPITAL

Medicare Provider Number: 340007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	922	11.3	10.2	1.4	18.5	15.3	1.7	23.2	19.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	25.8	*	22.7	28.6	*	27.3	31.7	*
Congestive Heart Failure	58	15.5	15.3	5.8	22.4	22.8	5.6	34.5	29.3	8.1
Pneumonia/Influenza	55	20.0	16.0	8.5	29.1	21.5	8.0	30.9	25.8	7.0
Chronic Obstructive Pulmonary Disease	27	7.4	6.8	*	11.1	11.6	*	18.5	15.8	*
Transient Cerebral Ischemia	16	0.0	2.4	*	0.0	5.6	*	18.8	9.0	*
Stroke	56	19.6	19.3	9.9	35.7	26.0	13.0	39.3	30.7	13.6
Hip Fracture	34	8.8	6.2	*	14.7	11.5	*	17.6	14.9	*
Sepsis	8	25.0	35.7	*	37.5	48.7	*	37.5	56.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.6	*	0.0	8.8	*	0.0	12.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	4.8	3.8	*	9.5	7.8	*	9.5	10.6	*
Open Reduction of Hip Fracture	13	15.4	6.4	*	23.1	12.0	*	23.1	15.7	*
Prostatectomy	20	0.0	1.4	*	10.0	3.0	*	10.0	4.7	*
Cholecystectomy	25	0.0	2.4	*	4.0	4.3	*	4.0	5.8	*
Hysterectomy	7	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	851	10.8	10.9	1.1	17.0	16.1	1.8	20.8	20.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	49	28.6	25.9	*	32.7	29.1	*	36.7	32.6	*
Congestive Heart Failure	53	18.9	14.7	10.7	26.4	21.9	11.0	32.1	28.1	11.5
Pneumonia/Influenza	49	22.4	17.1	*	30.6	22.7	*	32.7	27.3	*
Chronic Obstructive Pulmonary Disease	14	14.3	6.6	*	14.3	11.2	*	21.4	15.2	*
Transient Cerebral Ischemia	14	0.0	2.2	*	7.1	4.7	*	7.1	7.4	*
Stroke	51	13.7	17.3	6.5	21.6	23.9	6.4	25.5	28.4	6.8
Hip Fracture	30	10.0	6.0	*	10.0	10.8	*	13.3	14.1	*
Sepsis	11	27.3	23.9	*	36.4	33.0	*	36.4	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	16.7	8.1	*	16.7	13.5	*	25.0	17.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	3.2	*	9.1	6.3	*	9.1	8.6	*
Open Reduction of Hip Fracture	21	4.8	5.2	*	4.8	9.6	*	9.5	12.6	*
Prostatectomy	14	0.0	2.0	*	0.0	4.8	*	0.0	7.6	*
Cholecystectomy	16	0.0	3.0	*	0.0	5.6	*	0.0	7.7	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ANSON COUNTY HOSPITAL

500 Morven Road
Wadesboro, NC 28170

Medicare Provider Number: 340084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	407	12.3	12.8	2.2	17.4	18.3	2.0	21.4	22.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	34.5	*	27.8	37.8	*	27.8	41.2	*
Congestive Heart Failure	55	16.4	17.0	5.8	23.6	25.7	8.3	27.3	32.7	10.9
Pneumonia/Influenza	51	19.6	17.5	6.4	23.5	22.9	8.4	25.5	27.2	7.1
Chronic Obstructive Pulmonary Disease	6	0.0	6.5	*	0.0	12.7	*	0.0	18.9	*
Transient Cerebral Ischemia	4	0.0	3.6	*	0.0	8.7	*	0.0	14.0	*
Stroke	32	25.0	21.8	*	43.8	28.0	*	50.0	32.5	*
Hip Fracture	0									
Sepsis	2	0.0	18.5	*	0.0	22.2	*	0.0	25.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.1	*	0.0	2.9	*	0.0	5.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	95
Occupancy Rate	72
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ANSON COUNTY HOSPITAL

Medicare Provider Number: 340084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	401	12.5	12.7	1.8	18.5	17.9	2.7	22.4	22.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	31	38.7	31.6	*	48.4	35.3	*	51.6	38.9	*
Congestive Heart Failure	43	11.6	15.6	*	18.6	23.8	*	20.9	30.6	*
Pneumonia/Influenza	45	20.0	18.5	*	31.1	24.2	*	37.8	28.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.5	*	0.0	11.3	*	0.0	15.5	*
Transient Cerebral Ischemia	1	0.0	2.4	*	0.0	5.1	*	0.0	7.9	*
Stroke	25	20.0	21.1	*	28.0	26.6	*	28.0	31.2	*
Hip Fracture	1	0.0	5.2	*	0.0	9.4	*	0.0	12.0	*
Sepsis	4	0.0	30.5	*	0.0	38.6	*	50.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*
Cholecystectomy	4	0.0	2.0	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	406	11.3	14.0	2.4	15.8	19.4	2.6	19.0	23.7	2.9
CONDITIONS:										
Acute Myocardial Infarction	25	52.0	36.9	*	56.0	40.6	*	56.0	44.3	*
Congestive Heart Failure	47	12.8	15.5	*	25.5	23.1	*	27.7	29.7	*
Pneumonia/Influenza	57	21.1	20.7	5.5	26.3	27.1	5.9	28.1	32.0	7.1
Chronic Obstructive Pulmonary Disease	4	0.0	8.3	*	0.0	16.0	*	0.0	23.2	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.5	*	0.0	3.8	*
Stroke	29	0.0	24.5	*	6.9	30.8	*	24.1	35.7	*
Hip Fracture	2	0.0	4.6	*	0.0	8.6	*	0.0	11.6	*
Sepsis	6	0.0	35.7	*	0.0	42.9	*	0.0	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	3.2	*	0.0	8.4	*	0.0	14.3	*
Cholecystectomy	5	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	3	0.0	1.0	*	0.0	2.4	*	0.0	3.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ASHE MEMORIAL HOSPITAL

Hwy 221 S Box 8
Jefferson, NC 28640

Medicare Provider Number: 340072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	525	12.8	9.9	2.0	18.5	15.0	2.3	21.3	18.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	20	30.0	24.0	*	35.0	27.2	*	35.0	30.5	*
Congestive Heart Failure	34	23.5	14.0	*	32.4	21.9	*	38.2	28.5	*
Pneumonia/Influenza	33	21.2	17.7	*	30.3	23.9	*	36.4	28.7	*
Chronic Obstructive Pulmonary Disease	8	25.0	4.7	*	25.0	8.3	*	25.0	11.6	*
Transient Cerebral Ischemia	7	14.3	2.7	*	14.3	5.9	*	14.3	9.5	*
Stroke	24	37.5	21.0	*	41.7	27.6	*	41.7	32.2	*
Hip Fracture	22	0.0	8.7	*	9.1	15.1	*	9.1	19.1	*
Sepsis	4	50.0	33.4	*	50.0	45.9	*	75.0	52.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	4.0	*	20.0	9.2	*	20.0	14.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	6.0	*	0.0	11.3	*	0.0	14.8	*
Open Reduction of Hip Fracture	6	0.0	10.5	*	0.0	18.3	*	0.0	22.8	*
Prostatectomy	0									
Cholecystectomy	20	10.0	3.4	*	25.0	5.8	*	25.0	7.2	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	57
Occupancy Rate	42
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ASHE MEMORIAL HOSPITAL

Medicare Provider Number: 340072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	524	14.7	12.2	2.3	19.3	17.6	2.0	24.2	21.8	2.5
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	33.9	*	38.1	37.7	*	42.9	41.5	*
Congestive Heart Failure	23	39.1	14.4	*	43.5	21.4	*	47.8	27.5	*
Pneumonia/Influenza	44	25.0	18.4	*	27.3	25.0	*	34.1	30.0	*
Chronic Obstructive Pulmonary Disease	13	30.8	6.6	*	38.5	11.2	*	46.2	14.9	*
Transient Cerebral Ischemia	12	8.3	2.3	*	16.7	5.4	*	16.7	8.9	*
Stroke	20	35.0	24.0	*	60.0	32.9	*	70.0	38.5	*
Hip Fracture	17	29.4	7.1	*	29.4	12.5	*	29.4	15.7	*
Sepsis	11	18.2	24.8	*	18.2	33.5	*	36.4	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	8.9	*	33.3	13.5	*	50.0	17.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	18.2	5.8	*	18.2	11.0	*	18.2	14.2	*
Open Reduction of Hip Fracture	3	33.3	5.4	*	33.3	9.6	*	33.3	12.5	*
Prostatectomy	0									
Cholecystectomy	13	0.0	1.7	*	0.0	3.2	*	0.0	4.4	*
Hysterectomy	4	0.0	0.8	*	0.0	1.3	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	514	11.3	10.4	2.5	14.8	15.3	1.9	18.5	19.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	27	37.0	32.5	*	37.0	36.2	*	40.7	39.9	*
Congestive Heart Failure	24	16.7	13.7	*	29.2	20.8	*	37.5	27.1	*
Pneumonia/Influenza	43	9.3	17.5	*	11.6	24.0	*	14.0	29.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	7.7	*	16.7	12.4	*	16.7	16.6	*
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	4.4	*	0.0	7.1	*
Stroke	18	38.9	20.5	*	50.0	27.7	*	50.0	32.5	*
Hip Fracture	14	14.3	7.8	*	14.3	14.1	*	21.4	18.3	*
Sepsis	8	25.0	22.2	*	25.0	27.6	*	25.0	32.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	5.0	*	0.0	11.0	*	0.0	16.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	6.3	*	16.7	12.0	*	16.7	15.7	*
Open Reduction of Hip Fracture	4	0.0	9.5	*	0.0	17.5	*	25.0	22.3	*
Prostatectomy	0									
Cholecystectomy	13	15.4	7.8	*	30.8	11.9	*	30.8	14.5	*
Hysterectomy	6	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BEAUFORT COUNTY HOSPITAL

628 E 12th St
Washington, NC 27889

Medicare Provider Number: 340038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,126	12.1	10.5	1.6	16.7	15.4	2.0	20.1	19.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	41	24.4	25.7	*	26.8	28.8	*	26.8	32.1	*
Congestive Heart Failure	80	15.0	14.3	4.2	23.7	21.9	5.5	36.2	28.4	7.5
Pneumonia/Influenza	49	18.4	16.5	*	22.4	22.1	*	26.5	26.9	*
Chronic Obstructive Pulmonary Disease	15	6.7	6.3	*	13.3	11.1	*	20.0	15.5	*
Transient Cerebral Ischemia	9	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	57	35.1	21.2	8.9	40.4	27.7	9.5	42.1	32.3	9.5
Hip Fracture	21	0.0	5.9	*	4.8	10.5	*	4.8	13.4	*
Sepsis	19	36.8	30.7	*	42.1	38.4	*	57.9	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.1	*	25.0	5.3	*	25.0	7.5	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction	12	0.0	3.3	*	0.0	6.2	*	0.0	8.3	*
Open Reduction of Hip Fracture	13	0.0	5.3	*	7.7	9.7	*	7.7	12.6	*
Prostatectomy	51	0.0	1.0	2.0	2.0	2.3	2.7	3.9	3.8	3.5
Cholecystectomy	34	0.0	2.8	*	5.9	4.7	*	5.9	5.9	*
Hysterectomy	4	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	50
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	89
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BEAUFORT COUNTY HOSPITAL

Medicare Provider Number: 340038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	980	13.2	10.2	1.8	16.9	14.7	1.8	20.9	18.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	47	34.0	29.1	*	40.4	32.2	*	42.6	35.6	*
Congestive Heart Failure	78	23.1	14.5	8.5	29.5	21.9	9.4	35.9	28.3	8.5
Pneumonia/Influenza	50	12.0	18.7	*	20.0	24.8	*	26.0	29.7	*
Chronic Obstructive Pulmonary Disease	12	0.0	5.6	*	0.0	9.6	*	0.0	13.3	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.5	*	0.0	5.4	*
Stroke	42	38.1	19.6	*	40.5	24.7	*	45.2	29.0	*
Hip Fracture	26	0.0	6.0	*	3.8	10.6	*	3.8	13.4	*
Sepsis	11	18.2	25.6	*	18.2	31.8	*	18.2	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.3	*	0.0	5.1	*	0.0	8.1	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	14	0.0	4.0	*	0.0	7.5	*	0.0	9.7	*
Open Reduction of Hip Fracture	15	0.0	5.8	*	6.7	10.7	*	6.7	13.8	*
Prostatectomy	48	0.0	1.1	*	0.0	2.6	*	2.1	4.1	*
Cholecystectomy	28	3.6	2.7	*	3.6	4.7	*	3.6	5.9	*
Hysterectomy	9	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	963	10.8	10.4	1.0	15.8	15.0	1.5	21.0	18.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	48	25.0	32.6	*	25.0	35.4	*	31.3	38.8	*
Congestive Heart Failure	71	21.1	15.7	6.6	31.0	23.8	10.6	40.8	30.6	10.0
Pneumonia/Influenza	27	7.4	15.4	*	11.1	20.8	*	18.5	25.4	*
Chronic Obstructive Pulmonary Disease	14	14.3	8.9	*	14.3	14.7	*	28.6	19.3	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke	35	17.1	21.3	*	25.7	26.2	*	28.6	30.6	*
Hip Fracture	29	13.8	8.4	*	17.2	14.7	*	17.2	18.4	*
Sepsis	15	20.0	25.6	*	26.7	31.2	*	40.0	36.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	7.6	*	20.0	11.5	*	40.0	14.3	*
Carotid Endarterectomy	5	0.0	2.2	*	0.0	4.3	*	20.0	6.4	*
Hip Replacement/Reconstruction	11	9.1	6.9	*	9.1	12.6	*	9.1	15.9	*
Open Reduction of Hip Fracture	13	15.4	7.7	*	23.1	13.9	*	23.1	17.8	*
Prostatectomy	40	0.0	1.1	*	5.0	2.4	*	15.0	3.8	*
Cholecystectomy	30	3.3	3.4	*	3.3	5.9	*	3.3	7.7	*
Hysterectomy	7	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BERTIE MEMORIAL HOSPITAL

401 Sterlingworth St
Windsor, NC 27983

Medicare Provider Number: 340101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	13.6	11.8	3.0	17.4	17.0	3.4	19.7	21.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	27.6	*	25.0	32.7	*	25.0	36.9	*
Congestive Heart Failure	8	25.0	14.7	*	25.0	22.8	*	37.5	29.5	*
Pneumonia/Influenza	14	21.4	16.1	*	28.6	21.8	*	28.6	26.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.3	*	0.0	6.8	*	0.0	10.0	*
Transient Cerebral Ischemia	4	25.0	2.0	*	25.0	4.2	*	25.0	6.5	*
Stroke	9	11.1	14.4	*	11.1	20.5	*	11.1	24.4	*
Hip Fracture	1	0.0	22.6	*	0.0	44.6	*	0.0	58.7	*
Sepsis	3	0.0	40.9	*	33.3	50.2	*	33.3	55.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.7	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	49
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

BERTIE MEMORIAL HOSPITAL

Medicare Provider Number: 340101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	111	18.0	12.4	4.8	24.3	18.5	5.4	29.7	23.2	6.5
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	32.2	*	50.0	34.7	*	50.0	38.0	*
Congestive Heart Failure	8	50.0	16.3	*	50.0	25.5	*	62.5	32.8	*
Pneumonia/Influenza	7	28.6	17.7	*	28.6	23.7	*	28.6	28.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.7	*	0.0	13.2	*	0.0	19.1	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke	10	30.0	21.7	*	30.0	28.7	*	40.0	33.3	*
Hip Fracture	1	0.0	4.1	*	0.0	8.1	*	0.0	11.0	*
Sepsis	5	40.0	31.4	*	40.0	39.5	*	40.0	45.7	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.6	*	0.0	7.3	*	0.0	10.2	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	131	16.0	13.2	3.6	21.4	19.6	4.2	29.0	24.4	5.7
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	32.4	*	28.6	34.8	*	28.6	38.0	*
Congestive Heart Failure	11	27.3	18.2	*	36.4	27.1	*	54.5	34.2	*
Pneumonia/Influenza	5	0.0	15.5	*	20.0	21.1	*	40.0	26.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	24.3	*	0.0	37.9	*	0.0	46.5	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	5	60.0	18.0	*	60.0	24.5	*	60.0	28.9	*
Hip Fracture	1	0.0	7.3	*	0.0	14.1	*	0.0	18.7	*
Sepsis	5	20.0	32.9	*	20.0	38.2	*	20.0	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.2	*	0.0	12.7	*	0.0	17.3	*
Prostatectomy	0									
Cholecystectomy	5	0.0	2.6	*	0.0	5.0	*	0.0	7.0	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BETSY JOHNSON MEMORIAL HOSPITAL

800 Tilghman Dr
Dunn, NC 28334

Medicare Provider Number: 340071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	714	9.4	9.7	1.2	13.6	14.1	1.6	18.2	17.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	24.5	*	29.6	28.4	*	37.0	32.2	*
Congestive Heart Failure	47	2.1	15.2	*	8.5	24.0	*	17.0	31.3	*
Pneumonia/Influenza	32	21.9	16.9	*	25.0	23.1	*	28.1	28.1	*
Chronic Obstructive Pulmonary Disease	14	7.1	9.5	*	14.3	15.5	*	14.3	19.8	*
Transient Cerebral Ischemia	9	11.1	1.7	*	11.1	3.7	*	22.2	5.8	*
Stroke	56	19.6	22.5	5.9	28.6	28.7	6.5	32.1	33.2	6.3
Hip Fracture	16	6.3	5.2	*	6.3	9.1	*	6.3	11.8	*
Sepsis	16	31.3	22.2	*	37.5	30.0	*	37.5	35.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.8	*	33.3	10.5	*	33.3	13.4	*
Open Reduction of Hip Fracture	12	0.0	4.5	*	0.0	8.3	*	0.0	10.8	*
Prostatectomy	20	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	16	6.3	1.6	*	6.3	2.6	*	12.5	3.3	*
Hysterectomy	11	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	72
Occupancy Rate	74
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	63
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BETSY JOHNSON MEMORIAL HOSPITAL

Medicare Provider Number: 340071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	682	9.7	8.4	1.3	12.6	12.4	1.3	15.1	15.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	26.4	*	26.9	30.2	*	30.8	34.4	*
Congestive Heart Failure	37	18.9	15.8	*	21.6	23.5	*	21.6	30.0	*
Pneumonia/Influenza	34	29.4	17.6	*	32.4	23.8	*	32.4	28.6	*
Chronic Obstructive Pulmonary Disease	18	5.6	5.5	*	11.1	10.8	*	16.7	15.5	*
Transient Cerebral Ischemia	12	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke	23	43.5	23.2	*	43.5	30.2	*	43.5	35.0	*
Hip Fracture	13	15.4	7.3	*	23.1	13.1	*	23.1	16.9	*
Sepsis	14	21.4	23.3	*	28.6	30.9	*	28.6	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.4	*	0.0	11.5	*	0.0	16.0	*
Open Reduction of Hip Fracture	12	16.7	6.4	*	25.0	12.0	*	25.0	15.7	*
Prostatectomy	18	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy	27	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	549	10.4	8.0	1.9	16.4	11.9	2.0	19.1	15.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	32	34.4	24.2	*	40.6	27.7	*	43.8	31.2	*
Congestive Heart Failure	28	21.4	14.7	*	25.0	22.2	*	28.6	28.7	*
Pneumonia/Influenza	20	15.0	17.2	*	15.0	24.1	*	25.0	29.3	*
Chronic Obstructive Pulmonary Disease	16	0.0	5.9	*	18.8	11.1	*	18.8	15.8	*
Transient Cerebral Ischemia	8	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke	15	26.7	20.3	*	40.0	27.3	*	40.0	31.6	*
Hip Fracture	9	11.1	4.1	*	11.1	7.5	*	11.1	10.2	*
Sepsis	5	20.0	10.1	*	20.0	14.3	*	20.0	17.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	9	11.1	3.6	*	11.1	6.9	*	11.1	9.4	*
Prostatectomy	18	5.6	0.9	*	16.7	2.3	*	16.7	4.0	*
Cholecystectomy	15	0.0	1.2	*	6.7	2.1	*	6.7	2.8	*
Hysterectomy	3	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BLADEN COUNTY HOSPITAL

Hospital Dr Box 398
Elizabethtown, NC 28337

Medicare Provider Number: 340022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	499	12.4	9.9	2.3	18.0	14.2	3.1	21.0	17.8	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	23.1	*	50.0	26.3	*	57.1	29.6	*
Congestive Heart Failure	39	12.8	12.8	*	23.1	19.5	*	28.2	25.4	*
Pneumonia/Influenza	25	40.0	18.4	*	52.0	24.9	*	56.0	30.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.5	*	28.6	9.5	*	28.6	13.2	*
Transient Cerebral Ischemia	20	0.0	1.9	*	5.0	4.2	*	5.0	6.7	*
Stroke	27	18.5	18.6	*	29.6	24.4	*	37.0	28.4	*
Hip Fracture	11	9.1	5.5	*	18.2	9.5	*	18.2	12.2	*
Sepsis	15	33.3	22.5	*	40.0	27.6	*	46.7	32.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	3.8	*	20.0	7.0	*	20.0	9.3	*
Open Reduction of Hip Fracture	4	0.0	4.8	*	0.0	8.6	*	0.0	11.1	*
Prostatectomy	0									
Cholecystectomy	11	0.0	4.0	*	0.0	6.7	*	9.1	8.2	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	55
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLADEN COUNTY HOSPITAL

Medicare Provider Number: 340022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	423	15.8	11.5	2.1	22.0	16.3	2.6	26.2	20.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	26.3	*	41.2	29.0	*	47.1	32.6	*
Congestive Heart Failure	24	4.2	14.6	*	8.3	21.9	*	29.2	28.3	*
Pneumonia/Influenza	25	32.0	18.4	*	44.0	24.7	*	48.0	29.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	7.8	*	25.0	14.1	*	25.0	19.6	*
Transient Cerebral Ischemia	8	0.0	2.6	*	0.0	5.7	*	12.5	9.0	*
Stroke	28	10.7	22.4	*	25.0	28.8	*	28.6	33.4	*
Hip Fracture	3	0.0	8.4	*	33.3	13.6	*	33.3	16.7	*
Sepsis	9	33.3	25.5	*	44.4	34.8	*	44.4	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	6.7	*	20.0	11.7	*	20.0	15.4	*
Open Reduction of Hip Fracture	2	0.0	6.1	*	50.0	10.2	*	50.0	12.9	*
Prostatectomy	0									
Cholecystectomy	12	0.0	2.3	*	0.0	3.8	*	0.0	4.7	*
Hysterectomy	3	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	373	11.0	12.6	2.1	18.8	17.6	2.1	23.6	21.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	17	11.8	31.0	*	17.6	34.0	*	23.5	37.6	*
Congestive Heart Failure	20	10.0	16.3	*	15.0	23.9	*	25.0	30.4	*
Pneumonia/Influenza	24	12.5	18.8	*	29.2	24.8	*	37.5	29.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	12.9	*	16.7	18.5	*	16.7	23.5	*
Transient Cerebral Ischemia	12	0.0	2.0	*	0.0	4.2	*	16.7	6.6	*
Stroke	13	30.8	18.5	*	30.8	23.3	*	30.8	27.5	*
Hip Fracture	8	37.5	10.5	*	62.5	18.3	*	75.0	22.8	*
Sepsis	4	25.0	38.1	*	25.0	47.1	*	50.0	52.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	4.6	*	66.7	9.0	*	66.7	12.1	*
Open Reduction of Hip Fracture	5	40.0	11.4	*	60.0	20.3	*	80.0	25.2	*
Prostatectomy	2	0.0	2.2	*	0.0	5.3	*	0.0	8.8	*
Cholecystectomy	18	5.6	2.9	*	11.1	5.2	*	11.1	6.8	*
Hysterectomy	3	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BLOWING ROCK HOSPITAL

Chestnut Dr Box 148
Blowing Rock, NC 28605

Medicare Provider Number: 340045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	131	14.5	14.2	3.4	16.8	21.4	4.0	18.3	26.9	5.0
CONDITIONS:										
Acute Myocardial Infarction	5	80.0	32.0	*	80.0	38.0	*	80.0	43.5	*
Congestive Heart Failure	4	25.0	13.5	*	25.0	21.6	*	25.0	28.3	*
Pneumonia/Influenza	4	25.0	28.8	*	25.0	38.1	*	25.0	44.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.9	*	0.0	8.7	*	0.0	14.1	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.9	*	0.0	7.9	*
Stroke	10	20.0	42.4	*	30.0	50.7	*	30.0	56.0	*
Hip Fracture	0									
Sepsis	2	0.0	25.2	*	0.0	31.1	*	0.0	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	87
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	28
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLOWING ROCK HOSPITAL

Medicare Provider Number: 340045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	10.3	11.7	4.0	12.7	17.1	4.1	15.1	21.7	5.0
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	34.8	*	50.0	38.9	*	50.0	43.1	*
Congestive Heart Failure	8	25.0	18.9	*	37.5	28.5	*	37.5	36.1	*
Pneumonia/Influenza	11	9.1	19.2	*	18.2	25.3	*	18.2	30.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.6	*	0.0	5.2	*	0.0	7.5	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	4	50.0	28.4	*	50.0	36.5	*	50.0	42.4	*
Hip Fracture	2	0.0	4.3	*	0.0	8.1	*	0.0	10.8	*
Sepsis	2	0.0	11.5	*	0.0	20.5	*	0.0	27.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	129	11.6	13.7	3.3	17.8	20.1	4.2	19.4	25.3	5.6
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	34.3	*	50.0	38.3	*	50.0	42.8	*
Congestive Heart Failure	4	50.0	15.5	*	50.0	22.7	*	50.0	29.0	*
Pneumonia/Influenza	11	0.0	21.8	*	9.1	30.1	*	9.1	36.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.8	*	0.0	17.3	*	0.0	23.2	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	4.1	*	0.0	6.3	*
Stroke	7	0.0	33.7	*	28.6	42.1	*	28.6	48.2	*
Hip Fracture	0									
Sepsis	3	0.0	19.4	*	0.0	25.9	*	0.0	31.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.8	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy	1	0.0	1.6	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BLUE RIDGE HOSPITAL SYSTEM

125 Hospital Dr Box 9
Spruce Pine, NC 28777

Medicare Provider Number: 340011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	704	11.1	10.6	1.6	15.5	15.7	1.7	20.2	19.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	33	6.1	25.5	*	15.2	29.1	*	18.2	32.7	*
Congestive Heart Failure	45	24.4	15.7	*	31.1	24.2	*	35.6	31.2	*
Pneumonia/Influenza	54	14.8	16.5	5.2	22.2	22.6	5.8	29.6	27.1	6.3
Chronic Obstructive Pulmonary Disease	22	4.5	5.4	*	9.1	10.1	*	13.6	14.5	*
Transient Cerebral Ischemia	17	0.0	2.5	*	0.0	5.7	*	5.9	9.3	*
Stroke	39	33.3	25.6	*	35.9	32.7	*	43.6	37.7	*
Hip Fracture	5	20.0	5.1	*	20.0	8.9	*	20.0	11.6	*
Sepsis	5	60.0	19.4	*	60.0	29.1	*	80.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.5	*	0.0	10.9	*	0.0	19.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	3.6	*	33.3	7.2	*	33.3	9.7	*
Open Reduction of Hip Fracture	1	0.0	7.8	*	0.0	13.1	*	0.0	16.1	*
Prostatectomy	0									
Cholecystectomy	9	0.0	2.4	*	0.0	3.7	*	0.0	4.5	*
Hysterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	29
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLUE RIDGE HOSPITAL SYSTEM

Medicare Provider Number: 340011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	609	9.0	12.1	1.6	13.0	17.8	2.1	16.6	22.2	2.4
CONDITIONS:										
Acute Myocardial Infarction	30	16.7	29.6	*	20.0	32.8	*	20.0	36.3	*
Congestive Heart Failure	40	10.0	19.0	*	22.5	28.8	*	27.5	36.1	*
Pneumonia/Influenza	71	15.5	19.0	7.0	16.9	25.9	9.1	21.1	31.0	10.1
Chronic Obstructive Pulmonary Disease	10	0.0	4.6	*	0.0	10.2	*	0.0	15.9	*
Transient Cerebral Ischemia	6	0.0	2.7	*	0.0	5.5	*	0.0	8.4	*
Stroke	17	11.8	23.8	*	17.6	31.8	*	23.5	37.0	*
Hip Fracture	3	33.3	9.3	*	33.3	15.9	*	33.3	19.5	*
Sepsis	8	25.0	36.3	*	37.5	46.6	*	37.5	52.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.1	*	0.0	5.1	*	0.0	8.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.8	*	0.0	5.2	*	0.0	6.9	*
Open Reduction of Hip Fracture	2	50.0	9.3	*	50.0	16.9	*	50.0	21.3	*
Prostatectomy	1	0.0	2.1	*	0.0	5.1	*	0.0	7.9	*
Cholecystectomy	1	0.0	10.0	*	0.0	15.3	*	0.0	17.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	677	9.2	10.3	1.3	12.9	15.4	1.7	16.1	19.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	27.1	*	41.7	31.2	*	41.7	34.7	*
Congestive Heart Failure	38	10.5	17.0	*	15.8	25.3	*	21.1	32.6	*
Pneumonia/Influenza	44	11.4	16.8	*	11.4	22.8	*	13.6	27.6	*
Chronic Obstructive Pulmonary Disease	15	6.7	5.4	*	6.7	9.6	*	6.7	13.0	*
Transient Cerebral Ischemia	10	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Stroke	37	21.6	23.4	*	21.6	30.1	*	32.4	34.9	*
Hip Fracture	13	15.4	8.0	*	30.8	14.2	*	30.8	18.1	*
Sepsis	12	25.0	17.8	*	25.0	24.8	*	25.0	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	14.5	*	66.7	22.2	*	66.7	25.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	5.1	*	40.0	9.3	*	40.0	12.0	*
Open Reduction of Hip Fracture	6	16.7	7.4	*	33.3	14.1	*	33.3	18.7	*
Prostatectomy	0									
Cholecystectomy	7	14.3	3.6	*	14.3	5.6	*	14.3	6.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BROUGHTON HOSPITAL-MEDICAL UNIT

1000 S Sterling St
Morganton, NC 28655

Medicare Provider Number: 340137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	134	5.2	9.8	3.6	13.4	14.6	4.0	17.2	18.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	23.6	*	0.0	36.3	*	0.0	45.9	*
Pneumonia/Influenza	13	15.4	13.8	*	30.8	19.0	*	30.8	23.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	3.2	*	0.0	7.4	*	0.0	11.6	*
Stroke	0									
Hip Fracture	9	0.0	4.0	*	11.1	7.0	*	11.1	9.2	*
Sepsis	3	33.3	25.9	*	33.3	34.7	*	33.3	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	3.9	*	0.0	7.2	*	0.0	9.6	*
Prostatectomy	2	0.0	0.7	*	0.0	1.7	*	0.0	3.0	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	893
Occupancy Rate	87
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	170
Licensed Practical Nurses	47

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BROUGHTON HOSPITAL-MEDICAL UNIT

Medicare Provider Number: 340137

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	117	10.3	10.9	3.4	19.7	15.9	4.7	23.1	19.9	4.8
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	32.8	*	40.0	36.0	*	40.0	39.8	*
Congestive Heart Failure	0									
Pneumonia/Influenza	6	33.3	13.0	*	66.7	17.6	*	66.7	21.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.6	*	0.0	16.3	*	0.0	25.8	*
Transient Cerebral Ischemia	1	0.0	5.0	*	0.0	12.8	*	0.0	21.5	*
Stroke	0									
Hip Fracture	12	0.0	8.0	*	8.3	13.7	*	16.7	17.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	6.7	*	0.0	12.4	*	20.0	16.3	*
Prostatectomy	2	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	135	7.4	9.3	3.1	11.9	13.8	3.7	17.0	17.5	3.3
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	34.7	*	100.0	42.0	*	100.0	48.1	*
Congestive Heart Failure	1	0.0	27.2	*	0.0	41.6	*	0.0	51.4	*
Pneumonia/Influenza	10	20.0	14.9	*	30.0	20.4	*	30.0	25.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	8.7	*	25.0	14.7	*	25.0	19.7	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke	1	0.0	11.1	*	0.0	14.3	*	0.0	17.4	*
Hip Fracture	9	0.0	7.6	*	11.1	12.9	*	33.3	16.2	*
Sepsis	1	0.0	22.5	*	0.0	26.3	*	0.0	30.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.0	*	0.0	8.9	*	0.0	12.0	*
Open Reduction of Hip Fracture	4	0.0	3.8	*	0.0	7.5	*	25.0	10.3	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Medicare ID#: 340137

North Carolina Department of Human Resources
Division of Mental Health, Mental
Retardation and Substance Abuse Services
Broughton Hospital
1000 South Sterling Street • Morganton, North Carolina 28655
Area Code 704/433-2111

James G. Martin, Governor
David T. Flaherty, Secretary

Courier 08-03-21

M. F. Hall, Jr.
Director

January 11, 1991

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Board
202 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

SUBJECT: 3400137

Broughton Hospital is a state psychiatric facility. The data presented are correct but possibly misleading because the hospital characteristics reflect information about the entire facility while the mortality rates pertain only to the 28-bed acute medical portion of the facility.

If you have any questions, please contact me.

Sincerely,

Michael C. Smith
Michael C. Smith
Quality Assurance Coordinator

bq

pc M. F. Hall, Jr.
S. H. Suh, MD

Broughton Hospital is an Equal Opportunity Employer

C J HARRIS COMMUNITY HOSPITAL INC

59 Hospital Rd
Sylva, NC 28779

Medicare Provider Number: 340016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	966	9.4	8.9	1.0	12.8	13.3	1.2	16.9	16.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	42	33.3	29.9	*	40.5	33.4	*	42.9	36.7	*
Congestive Heart Failure	29	10.3	13.2	*	17.2	20.4	*	24.1	26.5	*
Pneumonia/Influenza	67	17.9	14.6	4.7	22.4	20.3	5.1	29.9	24.7	6.1
Chronic Obstructive Pulmonary Disease	2	0.0	3.9	*	0.0	9.2	*	0.0	14.2	*
Transient Cerebral Ischemia	15	6.7	2.4	*	13.3	5.4	*	13.3	8.7	*
Stroke	37	16.2	20.5	*	16.2	26.5	*	16.2	30.9	*
Hip Fracture	39	12.8	7.2	*	15.4	12.7	*	15.4	16.2	*
Sepsis	5	0.0	24.3	*	20.0	32.1	*	20.0	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	50.0	6.5	*	50.0	9.2	*	50.0	11.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	26	7.7	4.1	*	11.5	7.5	*	11.5	9.9	*
Open Reduction of Hip Fracture	15	6.7	5.5	*	6.7	10.2	*	6.7	13.4	*
Prostatectomy	71	1.4	1.2	1.7	2.8	2.7	3.5	9.9	4.6	4.1
Cholecystectomy	29	0.0	1.9	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy	12	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	146
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	78
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

C J HARRIS COMMUNITY HOSPITAL INC

Medicare Provider Number: 340016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	822	8.3	8.2	1.7	12.0	12.4	1.2	15.7	15.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	25	16.0	34.6	*	20.0	38.7	*	28.0	42.6	*
Congestive Heart Failure	29	20.7	16.3	*	31.0	24.7	*	37.9	31.7	*
Pneumonia/Influenza	39	23.1	17.6	*	23.1	23.5	*	33.3	27.9	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.7	*	16.7	10.5	*	16.7	14.8	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.6	*	0.0	5.5	*
Stroke	23	17.4	19.6	*	30.4	25.5	*	34.8	29.9	*
Hip Fracture	35	8.6	6.6	*	14.3	11.9	*	20.0	15.3	*
Sepsis	7	28.6	37.6	*	42.9	46.9	*	42.9	54.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	35	5.7	3.0	*	5.7	5.5	*	8.6	7.2	*
Open Reduction of Hip Fracture	13	7.7	4.9	*	15.4	9.4	*	15.4	12.4	*
Prostatectomy	63	6.3	1.5	3.8	6.3	3.7	2.7	6.3	6.2	3.3
Cholecystectomy	23	4.3	3.0	*	4.3	5.5	*	13.0	7.3	*
Hysterectomy	10	0.0	4.6	*	0.0	5.4	*	0.0	6.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	761	10.2	8.6	1.4	13.7	13.0	1.6	17.0	16.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	29	41.4	30.5	*	41.4	33.4	*	48.3	36.6	*
Congestive Heart Failure	39	17.9	15.5	*	25.6	23.7	*	35.9	30.6	*
Pneumonia/Influenza	35	34.3	17.4	*	37.1	24.1	*	37.1	29.2	*
Chronic Obstructive Pulmonary Disease	9	11.1	9.9	*	22.2	19.2	*	22.2	27.3	*
Transient Cerebral Ischemia	15	0.0	1.7	*	6.7	3.7	*	13.3	5.9	*
Stroke	32	25.0	21.8	*	37.5	28.8	*	40.6	33.3	*
Hip Fracture	22	9.1	5.8	*	9.1	10.3	*	13.6	13.5	*
Sepsis	11	0.0	24.0	*	18.2	32.7	*	18.2	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	12.5	4.4	*	18.8	8.4	*	18.8	11.5	*
Open Reduction of Hip Fracture	6	16.7	5.8	*	16.7	11.1	*	16.7	14.7	*
Prostatectomy	53	0.0	0.8	1.4	0.0	2.0	2.6	3.8	3.4	2.9
Cholecystectomy	24	20.8	3.2	*	25.0	6.0	*	25.0	7.8	*
Hysterectomy	13	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CABARRUS MEMORIAL HOSPITAL

920 Church St N
Concord, NC 28025

Medicare Provider Number: 340001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,113	8.7	9.0	0.5	14.1	13.6	0.7	17.2	17.3	0.7
CONDITIONS:										
Acute Myocardial Infarction	102	36.3	26.6	7.5	38.2	30.5	8.1	41.2	34.0	7.5
Congestive Heart Failure	184	14.1	15.2	3.7	25.5	23.3	3.9	30.4	30.0	3.7
Pneumonia/Influenza	181	13.8	17.2	4.7	18.8	23.3	6.1	24.3	28.0	6.1
Chronic Obstructive Pulmonary Disease	36	13.9	5.1	*	16.7	9.6	*	16.7	13.8	*
Transient Cerebral Ischemia	12	0.0	1.5	*	8.3	3.2	*	8.3	5.0	*
Stroke	147	17.7	19.0	3.8	27.2	25.2	5.1	30.6	29.3	5.5
Hip Fracture	88	2.3	6.7	3.4	5.7	12.1	4.6	11.4	15.6	4.6
Sepsis	12	16.7	29.0	*	50.0	36.4	*	50.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	8.7	*	10.0	14.8	*	10.0	20.1	*
Carotid Endarterectomy	13	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Hip Replacement/Reconstruction	52	1.9	3.9	4.2	5.8	7.4	6.3	13.5	9.7	5.6
Open Reduction of Hip Fracture	33	0.0	5.9	*	6.1	10.8	*	12.1	14.0	*
Prostatectomy	86	1.2	0.9	1.1	2.3	2.2	1.6	3.5	3.6	2.0
Cholecystectomy	105	4.8	2.9	2.4	8.6	5.1	3.4	8.6	6.6	2.9
Hysterectomy	31	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	360
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	97
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	202
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CABARRUS MEMORIAL HOSPITAL

Medicare Provider Number: 340001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,844	8.3	9.1	0.8	13.7	13.8	0.7	17.5	17.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	93	26.9	23.0	5.1	28.0	26.4	4.8	29.0	30.0	4.8
Congestive Heart Failure	179	12.8	16.5	4.6	21.8	24.8	6.4	28.5	31.6	4.9
Pneumonia/Influenza	149	17.4	16.3	5.2	23.5	21.7	5.4	28.9	26.1	6.0
Chronic Obstructive Pulmonary Disease	13	15.4	8.2	*	15.4	14.4	*	15.4	19.8	*
Transient Cerebral Ischemia	14	0.0	2.1	*	14.3	4.5	*	21.4	7.1	*
Stroke	142	19.7	21.7	5.0	26.1	29.1	4.4	31.0	33.7	4.8
Hip Fracture	71	2.8	6.5	3.6	12.7	11.9	4.2	16.9	15.4	4.6
Sepsis	13	23.1	31.4	*	46.2	41.8	*	53.8	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	5.4	*	11.1	8.0	*	11.1	10.5	*
Carotid Endarterectomy	14	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	48	2.1	3.6	*	8.3	7.0	*	12.5	9.4	*
Open Reduction of Hip Fracture	27	3.7	6.2	*	14.8	12.2	*	14.8	16.4	*
Prostatectomy	57	3.5	1.8	2.3	8.8	4.6	4.5	10.5	7.6	4.9
Cholecystectomy	105	1.9	3.3	2.7	2.9	5.6	3.2	4.8	7.2	3.1
Hysterectomy	28	0.0	1.1	*	0.0	2.4	*	0.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,786	8.7	9.6	1.1	14.2	14.4	1.2	17.6	18.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	93	23.7	24.5	4.7	26.9	28.5	5.6	30.1	32.2	6.3
Congestive Heart Failure	173	18.5	17.6	3.4	24.3	26.1	4.5	30.1	33.1	6.1
Pneumonia/Influenza	172	9.3	17.5	4.3	16.9	23.2	4.1	18.6	27.9	5.0
Chronic Obstructive Pulmonary Disease	12	16.7	8.5	*	16.7	15.8	*	25.0	21.5	*
Transient Cerebral Ischemia	18	11.1	1.8	*	11.1	3.7	*	11.1	5.8	*
Stroke	137	16.1	21.3	4.3	25.5	28.3	5.3	32.1	32.7	4.0
Hip Fracture	80	3.7	6.5	4.2	10.0	11.8	4.6	15.0	15.3	4.1
Sepsis	10	30.0	31.9	*	40.0	39.7	*	50.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	3.1	*	13.3	6.4	*	20.0	9.3	*
Carotid Endarterectomy	13	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	47	2.1	3.0	*	4.3	5.9	*	4.3	8.0	*
Open Reduction of Hip Fracture	38	5.3	5.8	*	13.2	11.1	*	21.1	14.8	*
Prostatectomy	87	2.3	1.5	1.9	4.6	3.6	3.4	4.6	5.9	3.8
Cholecystectomy	94	1.1	3.3	2.8	3.2	5.4	3.2	5.3	6.7	3.0
Hysterectomy	25	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CALDWELL MEMORIAL HOSPITAL

321 Mulberry St SW
Lenoir, NC 28645

Medicare Provider Number: 340041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,265	8.5	9.3	1.1	12.0	13.8	1.3	14.5	17.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	45	33.3	26.5	*	35.6	29.4	*	35.6	32.7	*
Congestive Heart Failure	72	5.6	13.5	5.2	9.7	20.8	6.7	19.4	27.1	6.3
Pneumonia/Influenza	77	11.7	14.5	5.8	15.6	19.7	6.7	19.5	23.8	8.1
Chronic Obstructive Pulmonary Disease	11	9.1	7.5	*	9.1	14.2	*	18.2	20.3	*
Transient Cerebral Ischemia	16	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Stroke	60	25.0	20.0	6.8	28.3	26.3	6.2	31.7	30.7	6.1
Hip Fracture	38	2.6	6.1	*	10.5	10.8	*	10.5	13.9	*
Sepsis	22	27.3	20.2	*	27.3	27.9	*	31.8	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	0.0	4.0	*	0.0	7.0	*	0.0	9.7	*
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.2	*
Hip Replacement/Reconstruction	24	4.2	4.0	*	8.3	7.2	*	8.3	9.5	*
Open Reduction of Hip Fracture	16	0.0	5.3	*	6.3	9.9	*	6.3	13.1	*
Prostatectomy	41	0.0	1.7	*	0.0	4.2	*	4.9	7.0	*
Cholecystectomy	24	4.2	2.8	*	4.2	5.0	*	4.2	6.4	*
Hysterectomy	6	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	102
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	127
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CALDWELL MEMORIAL HOSPITAL

Medicare Provider Number: 340041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,106	10.8	10.3	1.0	14.6	15.1	1.3	17.7	18.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	48	35.4	30.3	*	35.4	33.4	*	37.5	36.9	*
Congestive Heart Failure	55	21.8	15.3	6.5	25.5	22.8	5.9	27.3	29.0	6.7
Pneumonia/Influenza	65	13.8	18.1	6.1	18.5	24.4	7.5	26.2	29.3	7.1
Chronic Obstructive Pulmonary Disease	11	9.1	7.7	*	18.2	13.4	*	45.5	18.3	*
Transient Cerebral Ischemia	15	0.0	1.9	*	6.7	4.0	*	6.7	6.3	*
Stroke	50	24.0	21.2	*	32.0	27.6	*	40.0	32.3	*
Hip Fracture	40	5.0	5.7	*	7.5	10.5	*	10.0	13.4	*
Sepsis	11	27.3	26.7	*	36.4	32.5	*	36.4	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.9	*	0.0	5.2	*	33.3	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	5.0	*	0.0	9.7	*	5.3	12.4	*
Open Reduction of Hip Fracture	16	6.3	5.7	*	12.5	11.0	*	12.5	14.7	*
Prostatectomy	32	3.1	2.8	*	9.4	6.6	*	9.4	10.4	*
Cholecystectomy	32	3.1	5.7	*	3.1	9.9	*	3.1	12.6	*
Hysterectomy	6	0.0	1.6	*	0.0	3.0	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,007	9.7	10.0	1.3	14.0	14.6	1.7	17.4	18.2	1.6
CONDITIONS:										
Acute Myocardial Infarction	53	39.6	31.2	9.8	39.6	34.5	9.2	39.6	38.0	9.7
Congestive Heart Failure	44	11.4	15.8	*	22.7	23.5	*	34.1	29.9	*
Pneumonia/Influenza	65	15.4	15.3	4.5	16.9	21.1	5.9	21.5	25.9	6.7
Chronic Obstructive Pulmonary Disease	7	14.3	9.5	*	14.3	15.5	*	14.3	20.2	*
Transient Cerebral Ischemia	19	0.0	1.9	*	10.5	3.9	*	10.5	5.9	*
Stroke	44	15.9	22.8	*	22.7	29.1	*	31.8	34.1	*
Hip Fracture	38	5.3	6.6	*	10.5	11.9	*	15.8	15.5	*
Sepsis	18	16.7	26.9	*	27.8	35.4	*	27.8	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	3.6	*	18.2	6.3	*	18.2	8.6	*
Carotid Endarterectomy	2	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	14	7.1	5.7	*	7.1	10.8	*	14.3	14.2	*
Open Reduction of Hip Fracture	16	0.0	5.2	*	6.3	9.8	*	12.5	12.7	*
Prostatectomy	37	2.7	2.3	*	2.7	5.5	*	2.7	9.0	*
Cholecystectomy	14	0.0	3.1	*	7.1	5.4	*	7.1	7.1	*
Hysterectomy	4	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CAPE FEAR MEMORIAL HOSPITAL INC

5301 Wrightsville Av
Wilmington, NC 28403

Medicare Provider Number: 340094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	851	8.5	8.9	1.0	12.0	13.2	1.4	14.9	16.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	27	40.7	24.9	*	40.7	28.3	*	44.4	31.8	*
Congestive Heart Failure	33	12.1	18.5	*	18.2	27.8	*	21.2	34.9	*
Pneumonia/Influenza	40	10.0	13.5	*	12.5	18.4	*	17.5	22.5	*
Chronic Obstructive Pulmonary Disease	17	5.9	4.9	*	11.8	9.9	*	23.5	14.4	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	51	23.5	20.9	6.5	25.5	26.6	6.4	27.5	30.9	6.7
Hip Fracture	25	4.0	5.9	*	8.0	10.5	*	12.0	13.6	*
Sepsis	13	15.4	21.1	*	23.1	27.4	*	23.1	32.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.2	*	28.6	4.6	*	28.6	6.7	*
Carotid Endarterectomy	9	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	23	0.0	3.7	*	0.0	6.7	*	4.3	8.7	*
Open Reduction of Hip Fracture	8	0.0	4.1	*	0.0	7.8	*	0.0	10.5	*
Prostatectomy	32	0.0	1.6	*	0.0	3.4	*	3.1	5.4	*
Cholecystectomy	20	0.0	1.5	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	7	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	81
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	61
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	114
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CAPE FEAR MEMORIAL HOSPITAL INC

Medicare Provider Number: 340094

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	843	10.4	10.1	1.3	14.6	14.6	1.3	18.3	18.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	36	33.3	24.6	*	33.3	28.1	*	38.9	31.4	*
Congestive Heart Failure	58	13.8	13.0	4.5	19.0	20.0	5.5	27.6	26.0	6.3
Pneumonia/Influenza	22	27.3	16.0	*	31.8	21.8	*	36.4	26.5	*
Chronic Obstructive Pulmonary Disease	12	8.3	5.5	*	16.7	10.8	*	25.0	15.5	*
Transient Cerebral Ischemia	8	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Stroke	35	11.4	20.1	*	20.0	26.2	*	25.7	30.6	*
Hip Fracture	38	5.3	6.0	*	13.2	10.8	*	21.1	13.8	*
Sepsis	27	29.6	23.9	*	48.1	30.5	*	48.1	35.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	8.8	*	0.0	15.7	*	0.0	21.3	*
Carotid Endarterectomy	16	0.0	1.2	*	0.0	2.2	*	6.3	3.3	*
Hip Replacement/Reconstruction	20	0.0	2.3	*	10.0	4.5	*	15.0	6.0	*
Open Reduction of Hip Fracture	14	0.0	5.8	*	7.1	11.0	*	14.3	14.5	*
Prostatectomy	29	3.4	0.7	*	3.4	1.5	*	6.9	2.5	*
Cholecystectomy	16	0.0	1.5	*	6.3	2.4	*	6.3	3.0	*
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	765	10.7	10.0	1.1	16.3	14.7	1.4	18.6	18.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	39	38.5	24.7	*	41.0	27.9	*	41.0	31.3	*
Congestive Heart Failure	35	28.6	19.1	*	45.7	28.4	*	45.7	35.8	*
Pneumonia/Influenza	28	14.3	15.9	*	21.4	21.6	*	21.4	25.9	*
Chronic Obstructive Pulmonary Disease	8	25.0	9.9	*	25.0	17.1	*	25.0	22.6	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	3.0	*	14.3	4.6	*
Stroke	32	31.3	19.8	*	43.8	26.4	*	43.8	31.0	*
Hip Fracture	21	4.8	9.3	*	19.0	16.0	*	19.0	19.8	*
Sepsis	12	25.0	29.1	*	33.3	37.6	*	41.7	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.1	*	0.0	8.3	*	0.0	11.6	*
Carotid Endarterectomy	15	0.0	2.1	*	0.0	4.1	*	0.0	6.1	*
Hip Replacement/Reconstruction	16	0.0	1.9	*	6.3	3.5	*	6.3	4.7	*
Open Reduction of Hip Fracture	11	0.0	10.1	*	9.1	18.2	*	9.1	22.8	*
Prostatectomy	28	7.1	0.9	*	7.1	2.2	*	7.1	3.5	*
Cholecystectomy	8	0.0	4.4	*	0.0	7.8	*	0.0	9.7	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CAPE FEAR VALLEY MEDICAL CENTER

P.O. Box 2000 1638 Owen Drive
Fayetteville, NC 28302

Medicare Provider Number: 340028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,753	10.6	8.5	0.9	15.7	12.9	1.2	19.2	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	64	31.3	27.8	5.7	37.5	31.1	6.2	39.1	34.8	6.3
Congestive Heart Failure	91	12.1	12.3	4.6	22.0	19.1	5.1	27.5	25.0	6.2
Pneumonia/Influenza	69	27.5	16.6	6.2	27.5	22.5	5.9	31.9	27.2	5.7
Chronic Obstructive Pulmonary Disease	10	0.0	8.7	*	20.0	16.6	*	30.0	24.1	*
Transient Cerebral Ischemia	15	13.3	2.0	*	13.3	4.4	*	13.3	6.8	*
Stroke	79	19.0	19.3	4.6	26.6	25.4	5.4	34.2	29.7	8.5
Hip Fracture	43	2.3	5.4	*	7.0	9.4	*	9.3	12.2	*
Sepsis	23	30.4	26.0	*	34.8	32.8	*	39.1	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	8.6	*	10.0	12.9	*	10.0	16.1	*
Carotid Endarterectomy	11	9.1	1.4	*	18.2	3.0	*	18.2	4.7	*
Hip Replacement/Reconstruction	24	0.0	4.2	*	0.0	7.7	*	4.2	10.1	*
Open Reduction of Hip Fracture	22	4.5	4.9	*	13.6	8.9	*	13.6	11.6	*
Prostatectomy	90	1.1	1.0	1.2	1.1	2.4	2.8	5.6	4.0	2.6
Cholecystectomy	23	0.0	2.9	*	0.0	4.8	*	4.3	6.3	*
Hysterectomy	27	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	424
Occupancy Rate	79
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	180
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	369
Licensed Practical Nurses	134

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CAPE FEAR VALLEY MEDICAL CENTER

Medicare Provider Number: 340028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,686	12.3	8.8	0.9	17.1	13.4	0.9	21.0	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	61	24.6	25.6	5.9	24.6	28.7	7.0	26.2	32.2	8.4
Congestive Heart Failure	87	25.3	13.9	5.4	34.5	21.2	6.6	42.5	27.5	7.5
Pneumonia/Influenza	41	31.7	18.3	*	41.5	25.1	*	43.9	30.3	*
Chronic Obstructive Pulmonary Disease	16	6.3	4.3	*	12.5	8.4	*	25.0	12.0	*
Transient Cerebral Ischemia	17	5.9	1.9	*	5.9	4.0	*	5.9	6.2	*
Stroke	63	38.1	24.3	7.8	41.3	29.8	7.4	42.9	34.0	7.0
Hip Fracture	44	2.3	6.5	*	9.1	11.5	*	13.6	14.7	*
Sepsis	41	36.6	25.5	*	41.5	32.8	*	48.8	38.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	5.4	*	20.0	9.9	*	26.7	13.5	*
Carotid Endarterectomy	11	0.0	1.1	*	9.1	2.0	*	9.1	2.9	*
Hip Replacement/Reconstruction	32	3.1	4.5	*	9.4	8.2	*	15.6	10.6	*
Open Reduction of Hip Fracture	17	5.9	5.4	*	11.8	10.1	*	11.8	13.2	*
Prostatectomy	82	0.0	1.3	1.7	3.7	2.7	1.9	4.9	4.3	2.5
Cholecystectomy	19	0.0	4.7	*	5.3	8.6	*	5.3	11.0	*
Hysterectomy	22	4.5	0.3	*	4.5	0.6	*	9.1	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,608	12.3	9.5	1.0	18.5	14.3	1.5	21.9	18.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	42	21.4	28.4	*	28.6	31.9	*	33.3	35.5	*
Congestive Heart Failure	78	24.4	15.1	5.4	33.3	22.6	6.6	37.2	28.9	6.1
Pneumonia/Influenza	42	28.6	16.9	*	31.0	23.3	*	33.3	28.3	*
Chronic Obstructive Pulmonary Disease	9	11.1	10.4	*	33.3	16.8	*	44.4	21.9	*
Transient Cerebral Ischemia	29	3.4	1.8	*	3.4	3.8	*	6.9	5.9	*
Stroke	79	34.2	24.6	8.2	43.0	30.5	9.3	45.6	34.9	8.3
Hip Fracture	24	16.7	7.4	*	20.8	12.6	*	20.8	15.8	*
Sepsis	32	40.6	28.4	*	62.5	36.6	*	62.5	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.9	*	0.0	7.5	*	0.0	10.7	*
Carotid Endarterectomy	11	0.0	1.4	*	0.0	2.7	*	9.1	4.0	*
Hip Replacement/Reconstruction	15	0.0	4.2	*	0.0	7.7	*	0.0	10.4	*
Open Reduction of Hip Fracture	12	25.0	7.1	*	25.0	12.9	*	25.0	16.4	*
Prostatectomy	93	1.1	1.0	1.3	3.2	2.4	2.6	6.5	4.1	3.9
Cholecystectomy	39	5.1	2.8	*	7.7	5.0	*	12.8	6.6	*
Hysterectomy	15	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CAROLINAS MEDICAL CENTER

1000 Blythe Blvd
Charlotte, NC 28232

Medicare Provider Number: 340113

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,100	10.3	9.6	0.6	15.3	14.3	0.8	19.3	18.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	232	17.7	23.8	3.3	22.0	26.7	3.4	23.3	29.9	3.6
Congestive Heart Failure	185	13.5	13.5	2.8	24.3	21.2	4.2	30.8	27.7	5.3
Pneumonia/Influenza	124	21.8	15.4	5.6	28.2	21.2	6.6	31.5	25.7	5.5
Chronic Obstructive Pulmonary Disease	42	11.9	5.3	*	19.0	10.2	*	23.8	14.8	*
Transient Cerebral Ischemia	31	0.0	1.5	*	6.5	3.1	*	9.7	4.8	*
Stroke	157	18.5	18.4	3.1	22.9	24.2	3.6	28.0	28.2	3.6
Hip Fracture	57	3.5	5.8	3.5	12.3	10.2	4.2	19.3	13.3	6.1
Sepsis	52	23.1	20.6	5.9	30.8	28.0	6.4	38.5	34.1	7.7
PROCEDURES:										
Angioplasty	136	3.7	4.1	1.8	4.4	5.0	2.0	5.9	6.1	2.1
Coronary Artery Bypass Graft	255	3.1	5.5	2.1	3.9	7.4	2.7	5.9	8.7	2.7
Initial Pacemaker Insertion	96	3.1	3.1	1.9	5.2	5.8	3.6	6.2	8.3	4.4
Carotid Endarterectomy	40	0.0	1.6	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	46	2.2	3.2	*	6.5	5.9	*	15.2	7.8	*
Open Reduction of Hip Fracture	24	4.2	5.0	*	8.3	9.1	*	16.7	11.9	*
Prostatectomy	92	1.1	1.4	1.3	3.3	3.2	2.0	3.3	5.1	2.8
Cholecystectomy	57	3.5	3.3	2.4	5.3	6.2	3.5	7.0	8.5	4.3
Hysterectomy	46	2.2	1.4	*	4.3	2.7	*	6.5	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	843
Occupancy Rate	77
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	546
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CAROLINAS MEDICAL CENTER

Medicare Provider Number: 340113

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,022	10.2	9.6	0.5	15.5	14.2	0.7	19.6	17.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	220	15.5	23.8	3.7	18.6	26.8	3.7	20.5	30.1	4.1
Congestive Heart Failure	170	18.8	14.4	4.4	25.9	21.8	4.4	33.5	28.1	5.1
Pneumonia/Influenza	119	21.0	15.8	4.3	29.4	21.5	4.7	30.3	26.1	4.3
Chronic Obstructive Pulmonary Disease	34	14.7	5.8	*	20.6	9.8	*	23.5	13.7	*
Transient Cerebral Ischemia	38	2.6	2.2	*	5.3	4.5	*	7.9	6.9	*
Stroke	178	24.2	21.0	3.4	32.6	26.7	4.4	35.4	30.7	4.6
Hip Fracture	64	4.7	6.8	3.6	14.1	12.1	5.4	14.1	15.4	5.6
Sepsis	50	24.0	23.2	*	32.0	29.5	*	42.0	34.9	*
PROCEDURES:										
Angioplasty	115	2.6	5.2	3.4	4.3	6.2	3.2	6.1	7.3	2.9
Coronary Artery Bypass Graft	277	5.4	5.9	1.5	7.9	8.0	1.6	9.0	9.3	1.9
Initial Pacemaker Insertion	90	5.6	3.4	3.2	10.0	5.9	5.2	12.2	8.3	6.0
Carotid Endarterectomy	38	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	35	5.7	4.8	*	17.1	9.5	*	20.0	12.7	*
Open Reduction of Hip Fracture	22	4.5	6.2	*	9.1	11.5	*	9.1	14.9	*
Prostatectomy	88	0.0	1.0	1.8	1.1	2.4	3.0	5.7	3.9	2.8
Cholecystectomy	64	9.4	4.9	3.8	14.1	8.3	5.1	15.6	10.3	5.7
Hysterectomy	45	6.7	2.4	*	11.1	4.5	*	11.1	6.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,782	11.2	9.9	0.7	16.7	14.7	1.1	20.5	18.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	244	23.8	24.7	2.9	28.7	27.8	3.0	32.0	31.0	3.4
Congestive Heart Failure	134	17.2	15.0	4.7	26.1	22.8	5.7	35.1	29.4	7.7
Pneumonia/Influenza	101	19.8	15.2	4.4	25.7	20.5	6.2	31.7	25.1	8.2
Chronic Obstructive Pulmonary Disease	32	12.5	7.3	*	15.6	12.1	*	15.6	15.7	*
Transient Cerebral Ischemia	34	2.9	1.7	*	2.9	3.3	*	2.9	5.0	*
Stroke	151	24.5	21.4	6.1	33.1	27.9	7.4	37.1	32.2	7.7
Hip Fracture	68	4.4	6.1	3.4	10.3	10.9	4.2	14.7	14.0	5.3
Sepsis	41	36.6	27.9	*	43.9	36.0	*	48.8	41.8	*
PROCEDURES:										
Angioplasty	86	5.8	4.5	2.8	9.3	5.5	3.8	11.6	6.6	5.1
Coronary Artery Bypass Graft	217	9.7	6.1	2.7	12.4	8.4	2.4	12.9	9.7	2.3
Initial Pacemaker Insertion	75	1.3	2.9	3.1	9.3	5.5	4.1	9.3	7.9	3.8
Carotid Endarterectomy	53	0.0	1.7	2.4	0.0	3.2	3.8	1.9	4.6	3.7
Hip Replacement/Reconstruction	32	0.0	3.5	*	6.3	6.5	*	12.5	8.5	*
Open Reduction of Hip Fracture	28	7.1	5.6	*	17.9	10.4	*	21.4	13.7	*
Prostatectomy	107	2.8	1.2	2.3	3.7	3.0	2.4	4.7	4.9	2.3
Cholecystectomy	53	9.4	3.4	5.4	9.4	5.6	4.3	13.2	6.9	5.7
Hysterectomy	37	2.7	2.3	*	2.7	4.4	*	5.4	6.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CAROLINAS
MEDICAL CENTER

Harry A. Nurkin, Ph.D., FACHE
President

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: HCFA Mortality Information
Provider #: 340113

Dear Mrs. Kappert:

Attached you will find Carolinas Medical Center's response to HCFA's mortality information. I would like to take this opportunity to thank you for allowing us to review and respond to the information.

If you have any questions or I can be of any further assistance in reviewing this information, please call me at (704) 355-3252.

Sincerely,

Paul Franz

Paul Franz
Senior Vice President

PF/p
Attachment

P.O. BOX 32861 CHARLOTTE NC 28232-2861 (704) 355-2000

CAROLINAS
MEDICAL CENTER

Harry A. Nurkin, Ph.D., FACHE
President

Medicare Provider Number: 340113

Carolinas Medical Center appreciates the opportunity to present our response to the 1989 Health Care Financing Administration Mortality information.

Carolinas Medical Center takes pride in the result that all 17 categories fall within the accepted ranges based on HCFA's method of calculating ranges with standard deviations. The hospital characterizations about the Carolinas Medical Center however, need to be corrected. The Carolinas Medical Center is a 777 bed facility with an occupancy rate of 85% with 1105 physicians on our medical staff with 83% being board certified.

As a regional teaching referral center providing tertiary care, we would expect that our mortality data, while being within the predicted ranges, would be in the upper limits. With the region's only Level I Trauma Center (as designated by the State Emergency Medical Service), as well as a hospital-based emergency flight service, we accept patients who are critically ill and injured from Mecklenburg as well as surrounding counties. In fact, 41.2% of the patients treated at the Carolinas Medical Center were referred from other counties. Other services, such as our cardiovascular diagnostic and surgical procedure capabilities in the Carolinas Heart Institute, as well as heart transplant program, bring us patients who are critically ill in need of specialized physicians' services not available in their local hospitals. The Carolinas Heart Institute was officially designated by the federal government as one of the 24 medical facilities in the country to be approved as a heart transplant center.

The Cancer Center at Carolinas Medical Center, which is fully accreditated by the American College of Surgeons, provides another regional service which brings patient transfers from many other hospitals. Additional specialized capabilities include our Epilepsy and Spasticity Centers.

While the Medical Center carefully evaluates the information provided by HCFA to evaluate mortality rates on an annual basis, our commitment to evaluating the quality of care is an ongoing daily occurrence. The Carolinas Medical Center Medical Staff, as well as Support Staff, carefully review mortalities on an ongoing basis. In addition, we use numerous other indicators to evaluate the quality of care provided and make every effort to improve our services as part of our daily practice.

As a regional Medical Center, we continue to be concerned that publishing mortality rates as the measure of the quality of care provided may serve to discourage hospitals from accepting critically and terminally ill patients.

P.O. BOX 32861 CHARLOTTE NC 28232-2861 (704) 355-2000

CARTERET COUNTY GENERAL HOSPITAL

3500 Arendell St
Morehead City, NC 28557

Medicare Provider Number: 340142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,129	9.2	9.4	0.9	14.3	14.0	1.1	17.4	17.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	50	16.0	22.5	*	24.0	25.5	*	26.0	28.7	*
Congestive Heart Failure	63	9.5	16.2	7.6	15.9	23.4	7.5	27.0	30.1	6.4
Pneumonia/Influenza	32	18.8	12.9	*	21.9	17.8	*	21.9	21.7	*
Chronic Obstructive Pulmonary Disease	30	3.3	5.9	*	10.0	10.3	*	13.3	14.3	*
Transient Cerebral Ischemia	19	10.5	1.7	*	15.8	3.7	*	21.1	5.8	*
Stroke	53	18.9	19.3	5.4	24.5	25.0	6.0	34.0	29.3	7.7
Hip Fracture	42	16.7	7.1	*	21.4	12.6	*	23.8	16.3	*
Sepsis	21	19.0	21.5	*	23.8	27.1	*	23.8	31.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	6.7	*	11.8	10.4	*	17.6	13.8	*
Carotid Endarterectomy	3	0.0	1.9	*	0.0	3.7	*	0.0	5.2	*
Hip Replacement/Reconstruction	18	5.6	4.6	*	22.2	9.6	*	27.8	13.4	*
Open Reduction of Hip Fracture	17	17.6	6.4	*	17.6	11.9	*	17.6	15.5	*
Prostatectomy	23	0.0	1.6	*	4.3	4.0	*	4.3	6.8	*
Cholecystectomy	19	5.3	1.8	*	5.3	3.2	*	5.3	4.2	*
Hysterectomy	8	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	117
Occupancy Rate	68
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	124
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CARTERET COUNTY GENERAL HOSPITAL

Medicare Provider Number: 340142

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,116	8.8	8.8	0.9	14.5	13.2	1.1	18.0	16.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	37	27.0	21.2	*	35.1	24.3	*	37.8	27.7	*
Congestive Heart Failure	77	15.6	14.7	5.4	32.5	20.9	6.9	39.0	27.0	7.5
Pneumonia/Influenza	26	19.2	16.2	*	26.9	22.0	*	26.9	26.5	*
Chronic Obstructive Pulmonary Disease	22	13.6	5.3	*	13.6	9.2	*	13.6	12.7	*
Transient Cerebral Ischemia	21	0.0	2.0	*	0.0	4.5	*	4.8	7.1	*
Stroke	37	21.6	22.4	*	32.4	28.1	*	35.1	32.7	*
Hip Fracture	40	2.5	6.6	*	15.0	12.1	*	22.5	15.7	*
Sepsis	13	15.4	23.1	*	38.5	29.5	*	38.5	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.0	*	10.0	7.0	*	20.0	9.7	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	18	5.6	3.3	*	5.6	6.4	*	5.6	8.4	*
Open Reduction of Hip Fracture	14	0.0	7.5	*	21.4	14.3	*	28.6	18.8	*
Prostatectomy	48	0.0	1.6	*	4.2	3.9	*	6.3	6.4	*
Cholecystectomy	27	3.7	2.8	*	3.7	5.0	*	3.7	6.4	*
Hysterectomy	11	0.0	0.8	*	0.0	1.7	*	0.0	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	985	10.5	9.8	1.5	15.0	14.2	1.3	18.4	17.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	62	21.0	24.4	6.2	27.4	27.6	5.8	29.0	31.3	6.6
Congestive Heart Failure	50	20.0	16.0	*	28.0	22.7	*	38.0	29.0	*
Pneumonia/Influenza	27	18.5	14.4	*	25.9	19.7	*	29.6	24.1	*
Chronic Obstructive Pulmonary Disease	13	7.7	5.0	*	7.7	8.9	*	15.4	12.3	*
Transient Cerebral Ischemia	21	0.0	2.0	*	0.0	4.1	*	9.5	6.4	*
Stroke	40	25.0	19.3	*	32.5	25.3	*	35.0	29.8	*
Hip Fracture	26	3.8	4.5	*	11.5	8.4	*	15.4	11.2	*
Sepsis	9	44.4	29.0	*	55.6	35.1	*	77.8	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	11.8	5.7	*	23.5	9.5	*	23.5	12.6	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	11	0.0	3.9	*	18.2	7.5	*	18.2	10.0	*
Open Reduction of Hip Fracture	14	7.1	3.6	*	7.1	7.1	*	7.1	9.6	*
Prostatectomy	31	6.5	1.3	*	9.7	3.1	*	9.7	5.3	*
Cholecystectomy	34	5.9	2.0	*	8.8	3.5	*	8.8	4.9	*
Hysterectomy	9	0.0	0.4	*	0.0	0.7	*	11.1	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CATAWBA MEMORIAL HOSPITAL

Fairgrove Church Road SE
Hickory, NC 28602

Medicare Provider Number: 340143

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,359	12.1	8.3	0.8	18.4	12.8	1.1	21.5	16.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	63	31.7	24.9	7.2	36.5	27.7	8.2	36.5	30.9	9.4
Congestive Heart Failure	72	22.2	12.2	5.7	29.2	19.3	5.7	30.6	25.6	5.4
Pneumonia/Influenza	50	20.0	14.4	*	26.0	19.9	*	32.0	24.4	*
Chronic Obstructive Pulmonary Disease	12	25.0	5.0	*	25.0	9.6	*	25.0	13.7	*
Transient Cerebral Ischemia	13	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke	48	25.0	17.6	*	31.3	23.5	*	37.5	27.7	*
Hip Fracture	49	6.1	5.1	*	12.2	9.6	*	16.3	12.7	*
Sepsis	25	8.0	22.7	*	16.0	31.4	*	28.0	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.3	*	33.3	9.2	*	33.3	10.9	*
Carotid Endarterectomy	9	0.0	1.0	*	0.0	1.8	*	0.0	2.7	*
Hip Replacement/Reconstruction	29	10.3	4.9	*	17.2	9.2	*	17.2	12.0	*
Open Reduction of Hip Fracture	26	3.8	3.7	*	7.7	7.3	*	15.4	9.9	*
Prostatectomy	47	0.0	0.9	*	0.0	1.6	*	2.1	2.5	*
Cholecystectomy	40	7.5	2.1	*	7.5	3.8	*	7.5	5.0	*
Hysterectomy	13	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	204
Occupancy Rate	54
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	117
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	253
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CATAWBA MEMORIAL HOSPITAL

Medicare Provider Number: 340143

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,256	10.3	8.3	0.8	16.3	12.9	1.0	20.9	16.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	43	34.9	24.9	*	39.5	27.9	*	39.5	31.3	*
Congestive Heart Failure	52	25.0	13.4	7.9	34.6	20.8	8.5	38.5	27.2	7.9
Pneumonia/Influenza	44	9.1	13.0	*	13.6	17.9	*	25.0	22.1	*
Chronic Obstructive Pulmonary Disease	11	18.2	6.2	*	18.2	10.4	*	18.2	14.0	*
Transient Cerebral Ischemia	9	0.0	2.1	*	11.1	4.4	*	11.1	6.8	*
Stroke	68	22.1	17.8	8.1	36.8	23.7	8.6	42.6	28.0	9.3
Hip Fracture	48	0.0	5.3	*	4.2	9.9	*	10.4	13.1	*
Sepsis	18	38.9	21.8	*	38.9	29.3	*	50.0	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	12.4	*	16.7	16.7	*	16.7	20.4	*
Carotid Endarterectomy	10	0.0	1.4	*	10.0	2.7	*	10.0	3.9	*
Hip Replacement/Reconstruction	24	8.3	2.9	*	8.3	5.8	*	8.3	8.2	*
Open Reduction of Hip Fracture	32	0.0	4.9	*	6.3	9.7	*	15.6	13.0	*
Prostatectomy	52	1.9	0.6	2.1	1.9	1.5	2.5	3.8	2.5	2.8
Cholecystectomy	35	2.9	1.5	*	5.7	2.6	*	5.7	3.3	*
Hysterectomy	12	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,186	10.6	8.5	1.0	17.1	12.9	1.3	20.8	16.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	56	39.3	27.4	7.8	48.2	30.6	8.6	51.8	33.9	8.9
Congestive Heart Failure	51	21.6	13.8	7.9	33.3	21.4	10.6	41.2	27.8	11.2
Pneumonia/Influenza	46	13.0	14.7	*	21.7	19.8	*	28.3	24.2	*
Chronic Obstructive Pulmonary Disease	11	18.2	8.6	*	18.2	14.6	*	18.2	19.0	*
Transient Cerebral Ischemia	17	5.9	2.3	*	5.9	5.0	*	11.8	7.7	*
Stroke	46	21.7	16.6	*	26.1	22.0	*	32.6	26.0	*
Hip Fracture	52	7.7	5.3	4.5	15.4	9.6	8.3	17.3	12.5	9.5
Sepsis	19	26.3	23.7	*	31.6	31.8	*	36.8	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	4.2	*	9.1	7.8	*	18.2	10.9	*
Carotid Endarterectomy	11	0.0	1.7	*	0.0	3.3	*	9.1	4.8	*
Hip Replacement/Reconstruction	41	2.4	3.8	*	9.8	7.0	*	9.8	9.3	*
Open Reduction of Hip Fracture	23	13.0	3.9	*	17.4	7.7	*	21.7	10.4	*
Prostatectomy	51	3.9	0.6	2.9	3.9	1.5	3.2	3.9	2.4	3.6
Cholecystectomy	36	8.3	2.3	*	8.3	4.3	*	11.1	5.8	*
Hysterectomy	10	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CENTRAL CAROLINA HOSPITAL

1135 Carthage St
Sanford, NC 27330

Medicare Provider Number: 340020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,158	9.5	9.5	0.9	14.5	13.8	1.2	17.7	17.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	46	23.9	30.8	*	26.1	34.3	*	28.3	37.8	*
Congestive Heart Failure	51	19.6	12.5	9.0	23.5	19.4	7.1	27.5	25.4	6.5
Pneumonia/Influenza	47	27.7	17.8	*	31.9	24.2	*	38.3	29.0	*
Chronic Obstructive Pulmonary Disease	8	0.0	13.0	*	25.0	20.7	*	25.0	26.4	*
Transient Cerebral Ischemia	15	0.0	1.6	*	0.0	3.7	*	6.7	6.0	*
Stroke	50	16.0	19.2	*	22.0	25.1	*	24.0	29.4	*
Hip Fracture	34	5.9	7.4	*	23.5	13.1	*	26.5	16.8	*
Sepsis	16	37.5	27.5	*	50.0	34.3	*	56.3	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	7.3	*	0.0	14.6	*	0.0	21.0	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	14	0.0	5.5	*	0.0	10.0	*	0.0	12.9	*
Open Reduction of Hip Fracture	13	7.7	8.0	*	23.1	15.0	*	30.8	19.6	*
Prostatectomy	88	2.3	0.8	1.7	3.4	2.0	2.1	3.4	3.3	2.3
Cholecystectomy	19	10.5	3.4	*	15.8	5.9	*	15.8	7.4	*
Hysterectomy	5	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	75
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	50
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	77
Licensed Practical Nurses	47

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTRAL CAROLINA HOSPITAL

Medicare Provider Number: 340020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,094	10.3	9.7	1.0	15.8	14.0	1.5	19.4	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	49	38.8	32.9	*	40.8	36.3	*	44.9	40.2	*
Congestive Heart Failure	49	10.2	15.0	*	26.5	22.6	*	28.6	28.9	*
Pneumonia/Influenza	50	22.0	15.4	*	32.0	20.6	*	34.0	24.6	*
Chronic Obstructive Pulmonary Disease	10	20.0	6.8	*	20.0	11.7	*	30.0	16.4	*
Transient Cerebral Ischemia	10	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke	50	14.0	20.6	*	18.0	26.1	*	22.0	30.5	*
Hip Fracture	28	7.1	7.0	*	14.3	12.4	*	25.0	15.9	*
Sepsis	6	33.3	24.6	*	50.0	32.0	*	66.7	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.6	*	11.1	6.4	*	22.2	9.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.5	*	0.0	8.7	*	0.0	11.6	*
Open Reduction of Hip Fracture	11	18.2	4.6	*	18.2	8.8	*	18.2	11.6	*
Prostatectomy	81	1.2	0.8	1.1	1.2	1.9	1.8	3.7	3.1	2.1
Cholecystectomy	24	0.0	3.7	*	4.2	6.5	*	4.2	8.3	*
Hysterectomy	8	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	904	9.6	9.5	1.0	15.6	13.8	1.9	18.1	17.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	43	20.9	34.4	*	30.2	37.8	*	34.9	41.7	*
Congestive Heart Failure	46	28.3	18.6	*	43.5	27.8	*	47.8	35.1	*
Pneumonia/Influenza	42	14.3	16.9	*	23.8	22.7	*	26.2	27.4	*
Chronic Obstructive Pulmonary Disease	9	11.1	11.6	*	33.3	19.0	*	33.3	24.4	*
Transient Cerebral Ischemia	10	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Stroke	43	20.9	22.6	*	27.9	29.1	*	34.9	33.9	*
Hip Fracture	36	19.4	7.4	*	30.6	12.6	*	30.6	16.0	*
Sepsis	1	0.0	16.5	*	0.0	24.6	*	0.0	28.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.1	*	28.6	6.6	*	28.6	8.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	4.7	*	7.1	8.4	*	7.1	11.0	*
Open Reduction of Hip Fracture	10	10.0	7.4	*	20.0	13.0	*	20.0	16.3	*
Prostatectomy	57	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	17	0.0	2.0	*	0.0	3.3	*	0.0	4.3	*
Hysterectomy	4	0.0	1.6	*	0.0	3.4	*	0.0	5.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CHAPS KOALA CTR OF RESEARCH TRIANGLE

5010 S Alston Avenue
Durham, NC 27713

Medicare Provider Number: 340167

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	13	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1987

Total Beds	42
Ownership/Control	Private, For Profit
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

CHAPS KOALA CTR OF RESEARCH TRIANGLE

Medicare Provider Number: 340167

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	19	0.0	1.2	*	0.0	2.4	*	0.0	3.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5	0.0	0.9	*	0.0	2.2	*	0.0	3.3	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CHARLES A CANNON JR MEMORIAL HOSPITAL

Highway 184
Banner Elk, NC 28604

Medicare Provider Number: 340005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	371	9.4	8.9	1.9	13.7	13.7	2.0	16.7	17.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	23.5	*	26.7	26.6	*	26.7	30.1	*
Congestive Heart Failure	16	6.3	12.9	*	12.5	20.7	*	31.3	27.3	*
Pneumonia/Influenza	21	4.8	11.5	*	9.5	16.0	*	9.5	19.8	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.1	*	0.0	9.0	*	0.0	12.0	*
Transient Cerebral Ischemia	1	0.0	2.5	*	0.0	5.5	*	0.0	8.9	*
Stroke	15	13.3	13.7	*	13.3	19.3	*	13.3	23.2	*
Hip Fracture	10	10.0	4.5	*	10.0	8.3	*	20.0	11.1	*
Sepsis	4	50.0	29.2	*	50.0	37.2	*	50.0	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.3	*	0.0	11.2	*	0.0	16.7	*
Carotid Endarterectomy	2	0.0	2.1	*	0.0	5.1	*	0.0	8.4	*
Hip Replacement/Reconstruction	2	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Open Reduction of Hip Fracture	7	14.3	4.6	*	14.3	8.8	*	28.6	11.8	*
Prostatectomy	0									
Cholecystectomy	2	0.0	2.5	*	0.0	4.7	*	0.0	6.0	*
Hysterectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	79
Occupancy Rate	46
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	35
Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHARLES A CANNON JR MEMORIAL HOSPITAL

Medicare Provider Number: 340005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	380	6.8	8.4	2.2	11.8	13.3	3.1	15.0	17.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	30.5	*	14.3	33.0	*	14.3	35.8	*
Congestive Heart Failure	15	0.0	13.0	*	33.3	20.5	*	40.0	26.7	*
Pneumonia/Influenza	22	13.6	14.6	*	13.6	20.1	*	13.6	24.3	*
Chronic Obstructive Pulmonary Disease	12	8.3	5.6	*	8.3	10.0	*	8.3	14.2	*
Transient Cerebral Ischemia	3	33.3	1.6	*	33.3	3.3	*	33.3	5.1	*
Stroke	10	10.0	22.5	*	20.0	28.5	*	30.0	33.2	*
Hip Fracture	12	0.0	5.1	*	0.0	9.4	*	0.0	12.4	*
Sepsis	4	75.0	32.6	*	75.0	43.9	*	75.0	51.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.6	*	0.0	3.9	*	0.0	6.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.5	*	0.0	5.1	*	0.0	7.1	*
Open Reduction of Hip Fracture	8	0.0	5.0	*	0.0	9.4	*	0.0	12.5	*
Prostatectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	8	0.0	1.1	*	0.0	2.1	*	12.5	2.8	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	330	8.5	8.4	2.2	10.9	12.9	2.9	13.9	16.5	3.9
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	27.1	*	30.0	30.2	*	40.0	33.5	*
Congestive Heart Failure	18	11.1	17.1	*	16.7	26.8	*	16.7	34.2	*
Pneumonia/Influenza	12	0.0	11.7	*	0.0	16.9	*	8.3	21.0	*
Chronic Obstructive Pulmonary Disease	11	0.0	10.1	*	9.1	17.8	*	18.2	23.9	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.9	*	0.0	6.4	*
Stroke	13	7.7	18.3	*	23.1	24.4	*	30.8	28.9	*
Hip Fracture	12	0.0	4.5	*	0.0	8.5	*	0.0	11.3	*
Sepsis	6	33.3	29.6	*	33.3	42.0	*	33.3	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*
Carotid Endarterectomy	1	0.0	1.9	*	0.0	3.9	*	0.0	5.7	*
Hip Replacement/Reconstruction	2	0.0	5.0	*	0.0	10.0	*	0.0	13.6	*
Open Reduction of Hip Fracture	10	0.0	4.1	*	0.0	8.1	*	0.0	11.1	*
Prostatectomy	0									
Cholecystectomy	4	0.0	4.3	*	0.0	7.2	*	0.0	9.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHATHAM HOSPITAL INC
W Third & Ivey Streets
Siler City, NC 27344

Medicare Provider Number: 340111

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	430	14.4	12.6	2.2	19.8	17.6	2.6	22.1	21.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	26	42.3	35.6	*	50.0	40.0	*	50.0	44.0	*
Congestive Heart Failure	32	12.5	14.7	*	18.8	22.5	*	21.9	29.2	*
Pneumonia/Influenza	40	12.5	14.8	*	17.5	20.6	*	20.0	25.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	14.8	*	0.0	24.1	*	0.0	30.9	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.3	*	0.0	5.4	*
Stroke	32	31.3	21.8	*	40.6	29.3	*	40.6	34.3	*
Hip Fracture	6	16.7	10.7	*	33.3	18.9	*	33.3	24.1	*
Sepsis	19	31.6	24.9	*	42.1	32.1	*	42.1	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	10.2	*	33.3	18.4	*	33.3	23.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	11	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	8	0.0	4.7	*	12.5	8.7	*	12.5	11.3	*
Hysterectomy	4	0.0	1.6	*	0.0	3.3	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	68
Occupancy Rate	46
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	41
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHATHAM HOSPITAL INC

Medicare Provider Number: 340111

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	388	9.0	12.6	2.5	14.7	17.8	2.5	20.4	22.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	25	8.0	29.9	*	8.0	33.3	*	8.0	36.8	*
Congestive Heart Failure	32	9.4	13.7	*	15.6	21.4	*	25.0	28.0	*
Pneumonia/Influenza	33	9.1	16.1	*	18.2	21.5	*	21.2	25.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.8	*	0.0	9.5	*	33.3	13.1	*
Transient Cerebral Ischemia	1	0.0	2.8	*	0.0	5.9	*	0.0	9.2	*
Stroke	28	14.3	20.5	*	17.9	26.3	*	28.6	30.8	*
Hip Fracture	5	0.0	5.9	*	0.0	10.3	*	20.0	13.1	*
Sepsis	15	20.0	26.5	*	33.3	33.3	*	40.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.6	*	0.0	10.1	*	20.0	13.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.8	*	0.0	1.7	*	16.7	2.7	*
Cholecystectomy	5	0.0	2.1	*	0.0	3.4	*	0.0	4.1	*
Hysterectomy	6	0.0	1.1	*	16.7	2.2	*	16.7	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	428	12.9	14.0	1.9	18.9	19.8	2.0	23.1	24.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	33	42.4	33.0	*	48.5	36.3	*	48.5	39.7	*
Congestive Heart Failure	34	11.8	13.0	*	17.6	19.3	*	26.5	25.0	*
Pneumonia/Influenza	40	10.0	16.8	*	27.5	23.1	*	35.0	28.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.9	*	0.0	10.4	*	0.0	14.1	*
Transient Cerebral Ischemia	0									
Stroke	25	12.0	23.7	*	20.0	30.3	*	24.0	35.0	*
Hip Fracture	3	0.0	13.1	*	33.3	23.7	*	33.3	30.6	*
Sepsis	21	19.0	23.2	*	19.0	31.7	*	19.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	6.3	*	33.3	11.3	*	33.3	14.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	5.5	*	0.0	9.0	*	10.0	10.7	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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CHATHAM HOSPITAL · POST OFFICE BOX 649 · WEST THIRD STREET AND IVEY AVENUE · SILER CITY, NORTH CAROLINA 27344 · 919/663-2113

Chatham
HOSPITAL

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

We have reviewed the information submitted to us and have found that patients listed in specific categories also include patients with other diagnoses. For example, patients listed as expiring from Acute Myocardial Infarction did not actually expire from this diagnosis. Only six deaths were attributed to Acute MI's. The others expired from Congestive Heart Failure, Pneumonia, Refractory Heart Failure and Ventricular Fibrillation. Although these conditions may contribute to Acute MI's, they were not the primary cause of death noted on death certificates.

Please compare the figures listed below:

HCFA	Category	Number of Cases	OBS Deaths
	Acute MI	26	42.3
	Stroke	32	31.3
	Hip Fracture/Replacement	6	16.7
	Sepsis	19	31.6

1989 Medicare Hospital Mortality Rates

Chatham Hospital	Category	Number of Cases	Actual Deaths From Diagnosis
	Acute MI	26	6 or 23%
	Stroke	32	6 or 19%
	Hip Fracture/Replacement	6	0 or 0%
	Sepsis	19	3 or 16%

Thank you very much for your attention to this matter. Should you have any questions, please feel free to contact us.

Sincerely submitted,

avid B. Darden

David B. Darden
Chief Executive Officer

Verna J. Brown, RN
Quality Assurance Coordinator

DBD/VJB/rs

CHERRY HOSPITAL-GENERAL MEDICAL

Caller Box 8000
Goldsboro, NC 27530

Medicare Provider Number: 340135

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	43	9.3	12.2	*	16.3	19.4	*	20.9	24.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	11.2	*	0.0	18.8	*	0.0	25.2	*
Pneumonia/Influenza	7	14.3	15.6	*	14.3	22.2	*	14.3	26.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	37.4	*	100.0	41.1	*	100.0	45.3	*
Hip Fracture	4	0.0	8.5	*	25.0	17.8	*	25.0	24.8	*
Sepsis	1	0.0	16.2	*	0.0	20.9	*	0.0	24.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	794
Occupancy Rate	100
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	35
Medical Residents/Interns	0
Registered Nurses	92
Licensed Practical Nurses	45

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHERRY HOSPITAL-GENERAL MEDICAL

Medicare Provider Number: 340135

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	91	9.9	8.9	3.4	15.4	14.3	4.3	18.7	18.9	4.3
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	50.0	13.5	*	50.0	21.7	*	50.0	28.8	*
Pneumonia/Influenza	13	15.4	12.1	*	30.8	16.8	*	30.8	20.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	2	0.0	28.1	*	0.0	39.0	*	50.0	46.2	*
Hip Fracture	0									
Sepsis	1	100.0	17.1	*	100.0	21.7	*	100.0	26.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	79	10.1	9.6	4.0	15.2	14.9	4.1	17.7	19.8	5.5
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	12.5	*	100.0	19.1	*	100.0	25.0	*
Pneumonia/Influenza	13	0.0	13.4	*	0.0	19.0	*	0.0	23.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	3.3	*	0.0	7.2	*	0.0	11.8	*
Stroke	2	0.0	11.2	*	50.0	16.2	*	50.0	19.6	*
Hip Fracture	1	0.0	4.2	*	0.0	7.4	*	0.0	9.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHOWAN HOSPITAL

Virginia Rd Box 629
Edenton, NC 27932

Medicare Provider Number: 340065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	573	12.9	11.1	1.6	18.3	16.4	1.8	22.7	20.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	21	19.0	24.1	*	23.8	27.6	*	23.8	31.1	*
Congestive Heart Failure	52	11.5	12.8	4.9	19.2	20.1	6.1	21.2	26.4	9.0
Pneumonia/Influenza	56	17.9	17.2	6.9	28.6	23.5	10.5	33.9	28.3	10.8
Chronic Obstructive Pulmonary Disease	10	10.0	8.8	*	20.0	14.3	*	40.0	19.0	*
Transient Cerebral Ischemia	9	0.0	2.3	*	0.0	5.4	*	0.0	8.8	*
Stroke	36	22.2	18.2	*	25.0	24.5	*	30.6	29.1	*
Hip Fracture	10	10.0	5.0	*	10.0	9.3	*	20.0	12.3	*
Sepsis	7	42.9	22.8	*	42.9	29.6	*	42.9	35.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	5.1	*	0.0	9.5	*	50.0	12.5	*
Prostatectomy	9	0.0	0.6	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	15	6.7	3.3	*	6.7	6.1	*	13.3	8.1	*
Hysterectomy	4	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	110
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHOWAN HOSPITAL

Medicare Provider Number: 340065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	525	14.1	11.8	2.2	21.0	17.2	2.7	24.4	21.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	31	35.5	26.4	*	35.5	29.8	*	35.5	33.3	*
Congestive Heart Failure	45	11.1	16.2	*	20.0	24.2	*	28.9	31.1	*
Pneumonia/Influenza	38	18.4	17.5	*	28.9	23.6	*	28.9	28.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.9	*	25.0	7.4	*	25.0	10.7	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.0	*	0.0	4.6	*
Stroke	53	30.2	21.1	11.8	35.8	27.7	11.0	39.6	32.5	10.0
Hip Fracture	5	20.0	5.7	*	20.0	10.9	*	40.0	14.7	*
Sepsis	5	20.0	39.9	*	20.0	45.8	*	40.0	50.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	27.7	*	0.0	34.2	*	0.0	38.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.2	*	0.0	10.9	*	0.0	13.8	*
Prostatectomy	9	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	6	0.0	3.4	*	0.0	5.5	*	0.0	6.4	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	537	15.1	13.0	2.5	21.0	18.8	3.0	25.9	23.1	3.1
CONDITIONS:										
Acute Myocardial Infarction	25	40.0	31.9	*	40.0	35.4	*	40.0	39.0	*
Congestive Heart Failure	54	13.0	15.6	5.5	25.9	23.1	6.1	31.5	29.5	6.4
Pneumonia/Influenza	51	27.5	20.0	10.4	33.3	26.7	13.8	41.2	31.9	14.5
Chronic Obstructive Pulmonary Disease	6	0.0	17.0	*	0.0	30.6	*	16.7	40.1	*
Transient Cerebral Ischemia	8	0.0	2.3	*	12.5	5.2	*	25.0	8.3	*
Stroke	53	34.0	21.2	10.0	37.7	28.7	10.8	45.3	33.4	10.7
Hip Fracture	4	0.0	8.6	*	25.0	14.1	*	25.0	17.3	*
Sepsis	11	27.3	27.9	*	36.4	36.3	*	45.5	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	7.5	*	33.3	13.3	*	33.3	16.7	*
Prostatectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	11	0.0	3.2	*	0.0	5.7	*	0.0	7.3	*
Hysterectomy	6	0.0	1.0	*	0.0	2.0	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CLEVELAND MEMORIAL HOSPITAL INC

201 Grover St
Shelby, NC 28150

Medicare Provider Number: 340021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,956	9.8	9.3	0.7	15.3	13.9	1.0	19.2	17.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	74	35.1	29.3	7.1	45.9	32.5	9.1	48.6	35.8	9.4
Congestive Heart Failure	129	14.7	14.2	3.1	24.8	22.0	4.0	34.1	28.7	6.2
Pneumonia/Influenza	86	10.5	15.0	7.6	16.3	20.4	9.6	18.6	24.8	9.7
Chronic Obstructive Pulmonary Disease	12	25.0	5.5	*	33.3	9.1	*	41.7	12.5	*
Transient Cerebral Ischemia	25	4.0	1.9	*	12.0	4.2	*	16.0	6.8	*
Stroke	100	27.0	19.7	5.8	35.0	26.4	7.7	41.0	30.7	8.4
Hip Fracture	82	3.7	6.7	3.5	8.5	11.6	5.0	9.8	14.8	6.4
Sepsis	43	27.9	27.4	*	30.2	33.9	*	34.9	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	2.1	*	0.0	4.4	*	0.0	6.6	*
Carotid Endarterectomy	7	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	40	5.0	4.5	*	10.0	8.2	*	10.0	10.9	*
Open Reduction of Hip Fracture	16	0.0	6.0	*	0.0	11.1	*	0.0	14.5	*
Prostatectomy	118	0.0	0.8	1.3	0.0	1.9	3.0	3.4	3.3	2.5
Cholecystectomy	73	5.5	3.9	2.6	6.8	6.5	3.0	9.6	8.1	3.9
Hysterectomy	18	0.0	0.9	*	0.0	1.6	*	5.6	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	248
Occupancy Rate	67
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	81
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	152
Licensed Practical Nurses	82

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

CLEVELAND MEMORIAL HOSPITAL INC

Medicare Provider Number: 340021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,857	10.3	9.9	0.8	15.0	14.6	1.0	18.3	18.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	78	32.1	30.3	5.8	35.9	33.6	6.7	39.7	37.2	7.1
Congestive Heart Failure	109	18.3	15.4	5.9	25.7	23.4	7.5	33.9	30.1	7.9
Pneumonia/Influenza	79	22.8	17.9	6.1	27.8	24.1	6.8	29.1	29.0	5.6
Chronic Obstructive Pulmonary Disease	14	21.4	6.5	*	21.4	12.3	*	21.4	17.6	*
Transient Cerebral Ischemia	33	6.1	2.3	*	12.1	5.0	*	15.2	7.9	*
Stroke	72	12.5	19.8	7.0	20.8	27.0	6.5	26.4	31.6	6.6
Hip Fracture	82	11.0	6.3	4.7	15.9	11.3	5.1	15.9	14.5	5.2
Sepsis	26	19.2	25.1	*	26.9	32.9	*	30.8	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.4	*	0.0	4.3	*	10.0	6.3	*
Carotid Endarterectomy	7	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	43	7.0	4.4	*	9.3	8.2	*	9.3	10.8	*
Open Reduction of Hip Fracture	20	15.0	6.1	*	25.0	11.7	*	25.0	15.5	*
Prostatectomy	109	0.0	1.0	1.4	0.9	2.3	2.0	2.8	3.7	2.0
Cholecystectomy	60	1.7	3.2	2.5	5.0	5.7	3.7	11.7	7.2	3.9
Hysterectomy	10	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,711	11.7	10.3	0.9	15.7	15.2	0.9	19.6	19.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	95	29.5	30.5	5.1	29.5	33.8	6.0	36.8	37.3	5.0
Congestive Heart Failure	100	15.0	15.6	3.7	20.0	23.7	5.8	25.0	30.6	8.6
Pneumonia/Influenza	73	15.1	15.4	4.6	19.2	21.4	5.3	23.3	26.3	6.8
Chronic Obstructive Pulmonary Disease	17	17.6	8.6	*	23.5	14.9	*	29.4	20.1	*
Transient Cerebral Ischemia	15	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	83	12.0	17.4	5.0	18.1	24.6	6.3	22.9	29.0	5.9
Hip Fracture	56	7.1	6.2	3.3	10.7	11.4	4.4	12.5	14.8	5.3
Sepsis	38	23.7	27.4	*	31.6	34.9	*	42.1	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	33.3	2.9	*	33.3	5.4	*	33.3	7.6	*
Carotid Endarterectomy	12	8.3	1.8	*	16.7	3.4	*	16.7	4.9	*
Hip Replacement/Reconstruction	35	2.9	4.5	*	5.7	8.7	*	8.6	11.7	*
Open Reduction of Hip Fracture	11	18.2	6.4	*	27.3	12.3	*	27.3	16.1	*
Prostatectomy	103	1.0	1.2	1.2	2.9	2.8	1.9	5.8	4.6	2.4
Cholecystectomy	56	3.6	2.9	3.3	5.4	5.1	3.1	5.4	6.4	3.6
Hysterectomy	21	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COLUMBUS COUNTY HOSPITAL INC

500 Jefferson St
Whiteville, NC 28472

Medicare Provider Number: 340068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,414	9.3	10.5	1.2	13.2	15.1	1.6	16.8	18.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	62	29.0	27.0	6.3	33.9	30.8	6.9	37.1	34.5	8.2
Congestive Heart Failure	103	14.6	15.5	4.6	17.5	23.7	7.1	26.2	30.4	6.4
Pneumonia/Influenza	49	10.2	16.4	*	18.4	22.3	*	26.5	27.0	*
Chronic Obstructive Pulmonary Disease	19	10.5	7.9	*	10.5	13.0	*	10.5	17.4	*
Transient Cerebral Ischemia	28	0.0	2.2	*	0.0	4.7	*	0.0	7.5	*
Stroke	85	14.1	19.3	8.5	21.2	26.0	7.7	28.2	30.5	6.0
Hip Fracture	25	0.0	8.4	*	8.0	14.8	*	12.0	18.9	*
Sepsis	47	31.9	31.4	*	34.0	38.9	*	36.2	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	2.8	*	8.3	5.9	*	16.7	9.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	0.0	2.0	*	3.1	3.7	*	3.1	5.0	*
Open Reduction of Hip Fracture	15	0.0	8.0	*	6.7	14.4	*	13.3	18.5	*
Prostatectomy	55	0.0	1.6	2.4	1.8	3.5	3.0	3.6	5.7	3.7
Cholecystectomy	26	3.8	3.1	*	3.8	5.6	*	7.7	7.0	*
Hysterectomy	4	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	136
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	27
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	124
Licensed Practical Nurses	42

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COLUMBUS COUNTY HOSPITAL INC

Medicare Provider Number: 340068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,375	8.6	10.0	1.2	13.4	14.6	1.4	16.5	18.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	35	45.7	35.3	*	51.4	38.8	*	57.1	42.7	*
Congestive Heart Failure	97	11.3	15.5	6.4	19.6	23.9	6.2	28.9	30.7	5.0
Pneumonia/Influenza	64	9.4	16.4	7.6	15.6	21.8	8.0	15.6	26.2	9.4
Chronic Obstructive Pulmonary Disease	24	4.2	5.7	*	4.2	10.4	*	8.3	14.5	*
Transient Cerebral Ischemia	21	4.8	3.5	*	9.5	8.3	*	9.5	13.0	*
Stroke	69	20.3	22.3	5.4	30.4	29.5	5.6	37.7	34.3	8.1
Hip Fracture	33	0.0	6.3	*	6.1	10.8	*	6.1	13.6	*
Sepsis	46	21.7	27.6	*	30.4	34.6	*	34.8	40.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	3.3	*	0.0	6.0	*	0.0	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	3.6	2.8	*	3.6	5.2	*	3.6	7.0	*
Open Reduction of Hip Fracture	20	0.0	5.8	*	5.0	10.5	*	5.0	13.5	*
Prostatectomy	67	0.0	1.8	2.2	1.5	3.7	3.4	3.0	5.7	4.8
Cholecystectomy	17	5.9	2.3	*	5.9	3.9	*	5.9	4.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,328	8.8	9.9	1.5	13.6	14.4	1.9	16.3	17.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	41	24.4	28.5	*	36.6	31.6	*	39.0	35.2	*
Congestive Heart Failure	69	15.9	15.2	4.6	20.3	22.9	5.6	26.1	29.5	8.4
Pneumonia/Influenza	44	11.4	13.7	*	11.4	18.7	*	15.9	23.2	*
Chronic Obstructive Pulmonary Disease	16	0.0	6.6	*	0.0	11.5	*	0.0	15.6	*
Transient Cerebral Ischemia	55	0.0	2.1	*	1.8	4.6	*	1.8	7.3	*
Stroke	57	14.0	18.0	7.7	21.1	24.0	7.5	26.3	28.6	7.0
Hip Fracture	24	16.7	6.1	*	16.7	10.5	*	16.7	13.5	*
Sepsis	50	26.0	32.9	*	38.0	40.8	*	42.0	47.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	2.3	*	0.0	5.4	*	7.1	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Open Reduction of Hip Fracture	15	6.7	5.4	*	6.7	9.8	*	6.7	12.6	*
Prostatectomy	55	0.0	1.2	1.7	1.8	2.7	2.5	1.8	4.5	3.6
Cholecystectomy	13	0.0	3.3	*	0.0	5.1	*	0.0	6.1	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY GENERAL HOSPITAL

207 Old Lexington Rd Box 789
Thomasville, NC 27360

Medicare Provider Number: 340085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,028	12.1	9.9	1.2	17.0	14.5	1.3	21.9	18.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	46	43.5	28.8	*	50.0	32.0	*	54.3	35.2	*
Congestive Heart Failure	55	14.5	16.1	5.2	29.1	23.8	6.2	36.4	30.6	6.8
Pneumonia/Influenza	61	18.0	14.6	5.9	19.7	19.7	5.9	26.2	24.0	6.1
Chronic Obstructive Pulmonary Disease	14	7.1	6.9	*	14.3	10.8	*	21.4	14.3	*
Transient Cerebral Ischemia	16	6.3	1.7	*	6.3	3.7	*	12.5	6.0	*
Stroke	37	21.6	19.8	*	29.7	25.8	*	40.5	30.2	*
Hip Fracture	36	5.6	6.5	*	8.3	11.4	*	13.9	14.8	*
Sepsis	11	45.5	30.9	*	45.5	40.0	*	72.7	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	4.7	*	33.3	9.5	*	33.3	13.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	5.1	*	4.8	9.1	*	14.3	11.9	*
Open Reduction of Hip Fracture	17	11.8	5.5	*	17.6	10.4	*	17.6	13.7	*
Prostatectomy	28	3.6	1.5	*	3.6	3.7	*	3.6	6.1	*
Cholecystectomy	34	5.9	3.1	*	5.9	5.5	*	8.8	7.3	*
Hysterectomy	9	0.0	0.6	*	11.1	1.2	*	11.1	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	119
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	59
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	112
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY GENERAL HOSPITAL

Medicare Provider Number: 340085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	916	10.8	9.3	1.6	15.9	13.5	2.0	19.1	16.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	51	27.5	27.9	6.3	31.4	31.0	6.5	33.3	34.3	6.7
Congestive Heart Failure	45	20.0	16.8	*	31.1	25.2	*	37.8	32.3	*
Pneumonia/Influenza	40	17.5	18.6	*	22.5	25.1	*	25.0	29.9	*
Chronic Obstructive Pulmonary Disease	17	17.6	5.6	*	23.5	11.5	*	35.3	16.3	*
Transient Cerebral Ischemia	9	0.0	1.9	*	0.0	3.7	*	0.0	5.7	*
Stroke	52	28.8	21.0	9.0	36.5	26.9	8.8	36.5	31.3	7.8
Hip Fracture	26	3.8	6.7	*	7.7	12.1	*	11.5	15.4	*
Sepsis	7	14.3	29.4	*	14.3	34.6	*	42.9	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	6.2	*	25.0	12.8	*	25.0	19.3	*
Carotid Endarterectomy	2	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	12	0.0	3.8	*	8.3	6.8	*	8.3	8.7	*
Open Reduction of Hip Fracture	15	6.7	7.0	*	6.7	13.1	*	13.3	17.0	*
Prostatectomy	40	2.5	1.3	*	10.0	3.2	*	12.5	5.1	*
Cholecystectomy	22	9.1	2.6	*	13.6	5.0	*	13.6	6.9	*
Hysterectomy	12	0.0	1.3	*	8.3	2.6	*	8.3	3.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	877	10.7	9.4	1.4	16.6	13.9	1.7	19.7	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	53	34.0	26.5	7.2	39.6	29.4	7.7	39.6	32.6	8.3
Congestive Heart Failure	50	14.0	15.1	*	28.0	21.9	*	34.0	28.1	*
Pneumonia/Influenza	29	20.7	14.6	*	31.0	19.2	*	31.0	22.9	*
Chronic Obstructive Pulmonary Disease	7	28.6	7.2	*	42.9	14.2	*	42.9	19.6	*
Transient Cerebral Ischemia	4	0.0	2.5	*	0.0	5.3	*	0.0	8.3	*
Stroke	46	21.7	22.6	*	26.1	29.3	*	37.0	33.9	*
Hip Fracture	33	3.0	7.1	*	9.1	12.9	*	9.1	16.9	*
Sepsis	7	57.1	29.0	*	71.4	37.7	*	71.4	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.6	*	0.0	7.3	*	0.0	10.7	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hip Replacement/Reconstruction	24	0.0	4.2	*	8.3	8.2	*	8.3	11.1	*
Open Reduction of Hip Fracture	11	0.0	6.6	*	0.0	12.6	*	0.0	16.8	*
Prostatectomy	36	2.8	0.9	*	5.6	2.2	*	5.6	3.5	*
Cholecystectomy	27	0.0	3.8	*	0.0	6.3	*	0.0	7.8	*
Hysterectomy	9	0.0	1.8	*	0.0	4.3	*	0.0	7.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

Community General Hospital

Thomasville, North Carolina

Provider #: 34-0085

MORTALITY DATA

Acute Myocardial Infarction

Total Cases: 46

Total In-hosptal Deaths - 19

Mortality Rate - 41%

After medical record review, the following information was identified.

1. Inaccurate Principal Discharge Diagnosis - 1 case
2. Cardiopulmonary Resuscitation (CPR) on Admission - 9 cases
3. Transferred Alive to Another Acute Care Facility - 2 cases

Comment: It is our opinion that patients presenting to the Emergency Room in a Code situation (receiving life support measures) should not be included in our mortality statistics. Many of these patients were found unresponsive at home.

Adjusted MI Mortality Rate:

Total Cases - 46

In-Hospital Deaths - 19

CPR on Admission - -9

Incorrect Diagnosis - -1

9

Community General Hospital of Thomasville, Inc.
207 Old Lexington Road ◆ Post Office Box 789
Thomasville, North Carolina 27360 ◆ (919)472-2000

VHA Member of Voluntary Hospitals of America, Inc.

Community General Hospital

Thomasville, North Carolina

Provider #: 34-0085

Mortality Rate - 20%

Pneumonia/Influenza

Total Cases - 61

Total In-hospital Deaths - 10

Mortality Rate - 16%

After medical record review, the following information was identified:

1. Inaccurate Principal Discharge Diagnosis - 2 cases
2. Cancer with Metastasis - 2 cases

Adjusted Pneumonia/Influenza Mortality

Total Cases - 61

In-hospital Deaths - 8

Mortality Rate - 13%

Sepsis

Total Cases - 11

In-hospital Deaths - 5

Mortality Rate - 45.5%

After medical record review, the following information was identified:

1. Originated From a Nursing Home - 4

COMMUNITY HOSPITAL OF ROCKY MOUNT

1031 Noell Lane
Rocky Mount, NC 27801

Medicare Provider Number: 340162

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	441	12.0	10.4	2.6	17.5	15.2	2.6	20.9	19.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	25	56.0	29.4	*	60.0	33.1	*	60.0	36.8	*
Congestive Heart Failure	20	15.0	13.5	*	25.0	21.1	*	30.0	27.5	*
Pneumonia/Influenza	19	26.3	12.1	*	26.3	16.9	*	36.8	20.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	10.8	*	14.3	19.5	*	28.6	27.0	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke	24	12.5	19.6	*	25.0	26.2	*	29.2	30.8	*
Hip Fracture	8	0.0	6.1	*	12.5	10.5	*	12.5	13.4	*
Sepsis	9	22.2	23.6	*	44.4	30.5	*	55.6	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	3.0	*	50.0	6.3	*	50.0	9.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	5.4	*	16.7	9.6	*	16.7	12.2	*
Prostatectomy	3	0.0	0.9	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy	7	14.3	5.4	*	14.3	9.8	*	14.3	12.3	*
Hysterectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	50
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	44
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY HOSPITAL OF ROCKY MOUNT

Medicare Provider Number: 340162

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	397	8.8	9.1	1.5	11.6	13.6	2.2	14.1	17.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	13	61.5	41.8	*	61.5	46.6	*	61.5	50.9	*
Congestive Heart Failure	21	14.3	13.3	*	19.0	20.6	*	19.0	27.0	*
Pneumonia/Influenza	18	5.6	17.5	*	5.6	23.5	*	5.6	28.0	*
Chronic Obstructive Pulmonary Disease	7	14.3	4.3	*	14.3	8.0	*	14.3	11.5	*
Transient Cerebral Ischemia	5	0.0	1.9	*	20.0	4.5	*	20.0	7.2	*
Stroke	25	12.0	15.4	*	16.0	21.6	*	16.0	25.9	*
Hip Fracture	11	0.0	4.5	*	0.0	8.0	*	0.0	10.5	*
Sepsis	7	28.6	21.8	*	42.9	27.6	*	42.9	33.4	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.7	*	0.0	6.6	*	0.0	8.6	*
Open Reduction of Hip Fracture	6	0.0	4.1	*	0.0	7.5	*	0.0	9.8	*
Prostatectomy	8	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	12	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	324	9.6	8.5	2.0	12.0	12.6	2.0	14.2	16.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	29.3	*	37.5	32.5	*	43.8	36.0	*
Congestive Heart Failure	25	8.0	14.0	*	16.0	21.3	*	16.0	27.7	*
Pneumonia/Influenza	11	27.3	11.3	*	27.3	15.6	*	27.3	19.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.3	*	0.0	11.6	*	0.0	15.1	*
Transient Cerebral Ischemia	4	0.0	3.5	*	0.0	8.1	*	0.0	12.8	*
Stroke	15	46.7	18.7	*	46.7	25.2	*	46.7	29.9	*
Hip Fracture	6	0.0	7.1	*	0.0	12.6	*	0.0	16.1	*
Sepsis	6	16.7	18.9	*	16.7	25.2	*	16.7	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	6.9	*	66.7	11.5	*	66.7	15.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.8	*	0.0	5.6	*	0.0	7.7	*
Open Reduction of Hip Fracture	4	0.0	7.6	*	0.0	14.1	*	0.0	18.2	*
Prostatectomy	2	0.0	0.4	*	0.0	1.0	*	0.0	1.8	*
Cholecystectomy	6	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CRAVEN REGIONAL MEDICAL CENTER

2000 Neuse Blvd
New Bern, NC 28560

Medicare Provider Number: 340131

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,557	10.2	8.6	0.8	14.6	13.0	0.8	18.3	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	90	27.8	25.6	4.9	35.6	29.2	6.6	38.9	32.9	7.4
Congestive Heart Failure	115	17.4	13.3	4.8	21.7	21.0	4.0	27.8	27.6	4.2
Pneumonia/Influenza	99	18.2	13.5	4.9	22.2	18.9	4.5	25.3	23.5	4.6
Chronic Obstructive Pulmonary Disease	27	3.7	5.7	*	14.8	10.0	*	25.9	13.7	*
Transient Cerebral Ischemia	43	4.7	1.7	*	7.0	3.6	*	9.3	5.8	*
Stroke	120	19.2	21.9	4.6	25.8	27.9	5.2	30.0	32.5	6.6
Hip Fracture	58	1.7	6.1	4.6	6.9	10.8	5.1	12.1	13.9	4.8
Sepsis	46	32.6	24.1	*	34.8	30.8	*	39.1	36.6	*
PROCEDURES:										
Angioplasty	1	100.0	11.3	*	100.0	12.7	*	100.0	14.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	38	5.3	2.9	*	10.5	5.6	*	10.5	8.2	*
Carotid Endarterectomy	35	2.9	1.3	*	2.9	2.5	*	2.9	3.6	*
Hip Replacement/Reconstruction	31	0.0	2.4	*	9.7	4.8	*	9.7	6.7	*
Open Reduction of Hip Fracture	37	2.7	5.9	*	8.1	10.8	*	16.2	14.0	*
Prostatectomy	70	1.4	1.4	1.6	7.1	2.9	3.3	7.1	4.6	3.6
Cholecystectomy	48	0.0	2.2	*	0.0	3.9	*	4.2	5.1	*
Hysterectomy	30	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	276
Occupancy Rate	76
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	110
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	281
Licensed Practical Nurses	96

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CRAVEN REGIONAL MEDICAL CENTER

Medicare Provider Number: 340131

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,399	8.8	8.7	0.6	14.2	13.1	0.8	18.1	16.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	86	24.4	26.3	5.5	29.1	29.3	5.5	30.2	32.8	5.4
Congestive Heart Failure	105	14.3	13.4	3.7	24.8	21.1	5.1	32.4	27.7	7.5
Pneumonia/Influenza	94	17.0	14.1	4.5	24.5	19.5	6.4	25.5	23.9	5.4
Chronic Obstructive Pulmonary Disease	34	8.8	5.4	*	26.5	9.8	*	32.4	13.8	*
Transient Cerebral Ischemia	45	6.7	1.6	*	11.1	3.6	*	15.6	5.6	*
Stroke	108	12.0	20.0	5.6	20.4	25.3	4.9	28.7	29.6	4.4
Hip Fracture	41	9.8	5.9	*	9.8	10.5	*	9.8	13.6	*
Sepsis	35	20.0	20.6	*	25.7	27.5	*	31.4	33.3	*
PROCEDURES:										
Angioplasty	4	50.0	9.0	*	50.0	9.7	*	50.0	10.7	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	34	11.8	6.7	*	14.7	10.6	*	20.6	13.7	*
Carotid Endarterectomy	27	3.7	1.4	*	3.7	2.6	*	3.7	3.8	*
Hip Replacement/Reconstruction	48	2.1	1.8	*	2.1	3.3	*	2.1	4.4	*
Open Reduction of Hip Fracture	19	10.5	6.0	*	10.5	11.2	*	10.5	14.6	*
Prostatectomy	73	4.1	1.4	2.1	5.5	3.2	2.7	11.0	5.0	3.6
Cholecystectomy	42	4.8	2.6	*	7.1	4.5	*	7.1	5.7	*
Hysterectomy	13	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,202	8.4	8.3	0.6	13.9	12.6	1.1	17.1	16.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	52	21.2	27.0	7.4	28.8	30.9	6.8	32.7	34.9	6.9
Congestive Heart Failure	104	14.4	12.7	3.7	22.1	20.0	5.0	29.8	26.3	6.4
Pneumonia/Influenza	90	12.2	14.5	4.6	22.2	20.3	5.1	24.4	25.1	4.6
Chronic Obstructive Pulmonary Disease	28	21.4	8.1	*	25.0	13.6	*	25.0	18.1	*
Transient Cerebral Ischemia	44	0.0	2.0	*	2.3	4.3	*	4.5	6.8	*
Stroke	111	10.8	20.7	5.7	22.5	26.4	6.5	27.0	31.1	4.7
Hip Fracture	52	7.7	5.7	4.5	21.2	10.7	8.7	23.1	14.1	9.7
Sepsis	37	18.9	21.0	*	35.1	28.6	*	45.9	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	31	9.7	4.0	*	12.9	7.6	*	12.9	10.6	*
Carotid Endarterectomy	37	0.0	1.4	*	2.7	2.6	*	2.7	3.7	*
Hip Replacement/Reconstruction	39	5.1	2.4	*	7.7	4.9	*	7.7	6.8	*
Open Reduction of Hip Fracture	30	3.3	5.3	*	23.3	10.3	*	26.7	13.9	*
Prostatectomy	75	2.7	1.1	1.7	8.0	2.7	3.6	8.0	4.4	3.8
Cholecystectomy	42	2.4	2.1	*	2.4	3.5	*	2.4	4.5	*
Hysterectomy	30	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CRAWLEY MEMORIAL HOSPITAL

305 W College Ave Box 996
Boiling Springs, NC 28017

Medicare Provider Number: 340104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	88	10.2	9.1	3.5	18.2	13.6	5.0	21.6	17.6	5.3
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	36.6	*	80.0	40.3	*	80.0	44.7	*
Congestive Heart Failure	6	16.7	18.1	*	33.3	28.4	*	33.3	36.4	*
Pneumonia/Influenza	12	16.7	12.1	*	16.7	16.7	*	16.7	20.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.1	*	0.0	7.9	*	0.0	11.7	*
Transient Cerebral Ischemia	0									
Stroke	5	20.0	20.3	*	40.0	25.9	*	40.0	30.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	60
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

CRAWLEY MEMORIAL HOSPITAL

Medicare Provider Number: 340104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	60	15.0	10.1	6.0	25.0	15.3	7.6	28.3	19.5	8.8
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	20.2	*	33.3	23.2	*	33.3	26.5	*
Congestive Heart Failure	2	0.0	19.2	*	50.0	29.4	*	50.0	36.6	*
Pneumonia/Influenza	4	50.0	17.6	*	50.0	23.7	*	50.0	28.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.9	*	0.0	6.0	*	0.0	8.8	*
Transient Cerebral Ischemia	2	0.0	2.0	*	50.0	4.7	*	50.0	7.5	*
Stroke	9	33.3	19.2	*	33.3	24.6	*	44.4	29.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	16.3	13.1	*	20.4	17.8	*	24.5	21.6	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	24.5	*	0.0	27.1	*	0.0	30.2	*
Congestive Heart Failure	5	80.0	16.4	*	80.0	25.7	*	80.0	33.3	*
Pneumonia/Influenza	1	0.0	14.5	*	0.0	21.2	*	0.0	27.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	13	30.8	25.5	*	30.8	31.9	*	46.2	36.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DAVIE COUNTY HOSPITAL

Foster & Hospital Streets
Mocksville, NC 27028

Medicare Provider Number: 340052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	524	6.3	9.4	1.6	9.9	14.2	2.2	13.5	18.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	24.1	*	27.3	28.1	*	27.3	31.9	*
Congestive Heart Failure	37	13.5	15.9	*	18.9	24.1	*	29.7	31.1	*
Pneumonia/Influenza	51	11.8	19.3	9.1	15.7	26.3	11.9	19.6	31.6	12.9
Chronic Obstructive Pulmonary Disease	18	0.0	5.4	*	5.6	10.9	*	5.6	16.1	*
Transient Cerebral Ischemia	16	0.0	2.1	*	6.3	4.9	*	6.3	7.6	*
Stroke	15	6.7	20.0	*	6.7	26.7	*	26.7	31.3	*
Hip Fracture	0									
Sepsis	6	0.0	30.6	*	0.0	36.0	*	16.7	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	2.4	*	0.0	5.8	*	0.0	9.6	*
Cholecystectomy	9	11.1	2.0	*	11.1	3.3	*	11.1	4.2	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	57
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	32
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DAVIE COUNTY HOSPITAL

Medicare Provider Number: 340052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	510	8.4	10.5	1.7	13.1	15.3	2.1	17.6	19.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	34.9	*	35.3	38.9	*	35.3	42.7	*
Congestive Heart Failure	25	20.0	13.2	*	24.0	20.0	*	36.0	26.0	*
Pneumonia/Influenza	51	13.7	20.1	9.4	21.6	27.0	9.3	23.5	32.2	12.1
Chronic Obstructive Pulmonary Disease	20	10.0	9.9	*	20.0	18.4	*	25.0	25.6	*
Transient Cerebral Ischemia	8	0.0	2.3	*	0.0	4.9	*	0.0	7.7	*
Stroke	23	21.7	28.2	*	39.1	35.2	*	43.5	39.9	*
Hip Fracture	0									
Sepsis	6	16.7	35.6	*	50.0	43.1	*	50.0	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	7	0.0	4.6	*	0.0	8.6	*	0.0	11.6	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	446	5.6	8.7	1.9	10.8	12.9	2.2	14.1	16.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	28.1	*	33.3	31.7	*	33.3	35.0	*
Congestive Heart Failure	19	31.6	19.1	*	36.8	28.2	*	36.8	35.4	*
Pneumonia/Influenza	28	10.7	14.0	*	17.9	19.3	*	25.0	23.7	*
Chronic Obstructive Pulmonary Disease	18	0.0	8.2	*	0.0	15.0	*	11.1	20.6	*
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke	18	16.7	21.2	*	22.2	28.1	*	22.2	33.3	*
Hip Fracture	2	0.0	5.8	*	50.0	10.8	*	50.0	14.1	*
Sepsis	4	0.0	28.9	*	0.0	35.3	*	0.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.1	*	0.0	11.2	*	0.0	14.1	*
Prostatectomy	5	0.0	1.9	*	0.0	4.4	*	0.0	7.0	*
Cholecystectomy	12	0.0	2.0	*	0.0	3.1	*	0.0	4.0	*
Hysterectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Davie County Hospital

January 14, 1990
Medicare I. D. #340052

DAVIE COUNTY HOSPTIAL MORTALITY RATE BELOW PREDICTED MEDICARE LEVELS

Davie County Hospital mortality rates were below those predicted for its patient population characteristics during fiscal year October 1, 1988 through September 30. 1989, according to an annual study conducted by the federal Health Care Financing Administration.

Mortality rates were figured at three time periods after admission--30, 90, and 180 days. This would include deaths after discharge from the hospital if the demise occurred within 180 days of the admission date.

Out of the 524 Medicare cases reviewed, Davie County Hospital's mortality rate was 6.3% at 30 days, 9.9% at 90 days, and 13.5% at 180 days. These rates are well below the predicted rates of 9.4% at 30 days, 14.2% at 90 days, and 18.3% at 180 days. The rates were based on randomly selected hospital admissions for each Medicare patient discharged within the 88/89 fiscal year. Predicted mortality rates were calculated by HCFA to provide an estimate of mortality rates expected for patients equal in number and similar in characteristics to those treated by the hospital. Their rates are calculated using age, sex, pre-existing conditions, type of admission and number of previous hospitalizations.

In addition to computing overall rates, patients were grouped by specific medical and surgical reasons for admission. Of the eight medical conditions chosen for inclusion in the study, Davie County Hospital mortality rates were well below the predicted rate for each condition. Of the nine surgical procedures included in the study, only three are performed within Davie County Hospital. There were no deaths following two of the procedure types. For the third procedure, the low volume of the procedure makes the percentage appear high, when actually only one death occurred.

Although mortality rates are one indicator of the quality of care delivered by a hospital, one must remember that mortality is not the only indicator, nor the best indicator of the quality of care delivered. A sound quality assurance program must include many factors and must be ever changing as health care changes.

Davie County Hospital's quality assurance program is physician directed, approved and controlled. The quality assurance council reviews reports from over twenty patient care areas monthly and promptly addresses any variations. A summary of quality assurance activities is reported to the Board of Trustees quarterly. Davie County Hospital is committed to high quality patient care, constantly monitors the quality of services it offers, and encourages patient comments about the care delivered.

P.O. Drawer 908
Mocksville, NC 27028
(704) 634-8100

"Fully Accredited By The Joint Commission On Accreditation Of Hospitals"

DAVIS COMMUNITY HOSPITAL

Old Mocksville Road Box 1800
Statesville, NC 28677

Medicare Provider Number: 340144

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	775	6.6	7.9	1.4	10.5	12.2	1.9	14.1	15.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	18	11.1	20.4	*	11.1	23.5	*	11.1	26.8	*
Congestive Heart Failure	33	15.2	13.6	*	27.3	21.7	*	42.4	28.4	*
Pneumonia/Influenza	40	10.0	13.0	*	17.5	17.7	*	20.0	21.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	1.9	*	14.3	4.1	*	14.3	6.5	*
Stroke	28	10.7	15.7	*	17.9	21.6	*	25.0	25.6	*
Hip Fracture	21	9.5	4.9	*	9.5	8.7	*	9.5	11.3	*
Sepsis	7	0.0	18.3	*	0.0	24.5	*	0.0	28.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	6.3	2.7	*	6.3	4.9	*	6.3	6.6	*
Open Reduction of Hip Fracture	5	0.0	4.6	*	0.0	8.4	*	0.0	11.1	*
Prostatectomy	38	2.6	1.0	*	2.6	2.3	*	2.6	3.8	*
Cholecystectomy	10	0.0	2.6	*	0.0	4.4	*	0.0	5.5	*
Hysterectomy	8	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	149
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	106
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DAVIS COMMUNITY HOSPITAL

Medicare Provider Number: 340144

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	6.3	5.5	0.9	11.6	8.9	1.4	15.1	11.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	21.9	*	29.4	25.1	*	29.4	28.2	*
Congestive Heart Failure	33	12.1	11.9	*	27.3	19.0	*	36.4	25.4	*
Pneumonia/Influenza	46	10.9	13.1	*	15.2	18.3	*	17.4	22.7	*
Chronic Obstructive Pulmonary Disease	9	0.0	3.7	*	11.1	7.4	*	11.1	10.9	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	22	18.2	19.1	*	31.8	27.3	*	31.8	32.8	*
Hip Fracture	23	0.0	2.7	*	4.3	5.2	*	8.7	7.1	*
Sepsis	3	0.0	18.4	*	0.0	26.1	*	33.3	33.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.8	*	0.0	3.7	*	14.3	5.6	*
Carotid Endarterectomy	2	0.0	1.8	*	50.0	3.2	*	50.0	4.6	*
Hip Replacement/Reconstruction	27	3.7	1.5	*	3.7	3.0	*	7.4	4.1	*
Open Reduction of Hip Fracture	8	0.0	1.9	*	12.5	3.9	*	12.5	5.5	*
Prostatectomy	42	0.0	1.0	*	0.0	2.5	*	4.8	4.1	*
Cholecystectomy	18	0.0	1.1	*	5.6	1.9	*	5.6	2.5	*
Hysterectomy	4	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	742	7.5	6.9	1.6	11.2	10.4	2.3	14.8	13.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	26	30.8	23.8	*	30.8	27.1	*	34.6	30.2	*
Congestive Heart Failure	35	2.9	13.3	*	8.6	20.0	*	8.6	25.9	*
Pneumonia/Influenza	44	11.4	14.6	*	15.9	20.4	*	18.2	24.9	*
Chronic Obstructive Pulmonary Disease	12	8.3	4.8	*	8.3	8.6	*	33.3	11.6	*
Transient Cerebral Ischemia	10	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke	33	24.2	18.3	*	33.3	25.9	*	45.5	30.8	*
Hip Fracture	28	3.6	6.3	*	14.3	11.7	*	21.4	15.1	*
Sepsis	8	37.5	33.4	*	50.0	38.7	*	50.0	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.0	*	0.0	9.0	*	0.0	12.0	*
Carotid Endarterectomy	3	0.0	0.9	*	0.0	1.5	*	33.3	2.0	*
Hip Replacement/Reconstruction	36	2.8	3.0	*	5.6	5.7	*	8.3	7.6	*
Open Reduction of Hip Fracture	10	0.0	4.0	*	10.0	7.9	*	10.0	10.6	*
Prostatectomy	24	4.2	0.9	*	4.2	2.2	*	8.3	3.7	*
Cholecystectomy	15	13.3	3.3	*	13.3	5.4	*	13.3	6.4	*
Hysterectomy	8	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DISTRICT MEMORIAL HOSPITAL

One Whitaker Lane
Andrews, NC 28901

Medicare Provider Number: 340054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	289	8.3	10.4	3.4	13.5	15.2	3.1	17.3	19.0	2.9
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	23.8	*	23.1	29.1	*	23.1	33.3	*
Congestive Heart Failure	14	14.3	15.4	*	21.4	24.4	*	35.7	31.8	*
Pneumonia/Influenza	21	4.8	16.4	*	14.3	21.8	*	23.8	26.3	*
Chronic Obstructive Pulmonary Disease	5	20.0	4.4	*	20.0	8.0	*	20.0	11.2	*
Transient Cerebral Ischemia	7	0.0	1.8	*	14.3	3.9	*	14.3	6.1	*
Stroke	11	18.2	25.9	*	27.3	32.7	*	27.3	37.4	*
Hip Fracture	0									
Sepsis	4	50.0	40.3	*	50.0	49.0	*	50.0	55.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	19	0.0	0.7	*	0.0	1.6	*	5.3	2.8	*
Cholecystectomy	4	0.0	1.8	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DISTRICT MEMORIAL HOSPITAL

Medicare Provider Number: 340054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	223	10.8	11.0	2.4	13.5	15.9	3.7	17.9	19.8	4.1
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	32.1	*	57.1	34.6	*	57.1	37.7	*
Congestive Heart Failure	14	21.4	14.6	*	21.4	21.6	*	21.4	27.7	*
Pneumonia/Influenza	15	20.0	18.2	*	33.3	23.5	*	40.0	27.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.9	*	0.0	11.2	*	0.0	16.1	*
Transient Cerebral Ischemia	8	0.0	2.6	*	0.0	5.7	*	12.5	9.1	*
Stroke	12	0.0	25.1	*	8.3	33.7	*	8.3	38.9	*
Hip Fracture	2	0.0	11.0	*	0.0	19.2	*	50.0	24.3	*
Sepsis	2	50.0	22.0	*	50.0	28.2	*	50.0	33.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	10.4	*	0.0	18.9	*	50.0	24.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	17	5.9	2.3	*	11.8	5.3	*	11.8	8.4	*
Cholecystectomy	4	0.0	2.9	*	0.0	4.7	*	0.0	5.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	10.9	10.1	2.1	18.1	14.7	3.5	21.4	18.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	30.6	*	50.0	33.7	*	50.0	37.0	*
Congestive Heart Failure	15	33.3	19.0	*	33.3	28.7	*	40.0	36.2	*
Pneumonia/Influenza	7	14.3	16.1	*	14.3	21.7	*	14.3	26.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.7	*	16.7	9.4	*	16.7	12.7	*
Transient Cerebral Ischemia	8	0.0	3.1	*	12.5	6.9	*	12.5	11.1	*
Stroke	11	27.3	26.0	*	36.4	32.3	*	36.4	36.8	*
Hip Fracture	5	0.0	8.8	*	20.0	14.7	*	20.0	18.0	*
Sepsis	3	0.0	32.6	*	33.3	40.3	*	66.7	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.6	*	0.0	8.0	*	0.0	10.2	*
Open Reduction of Hip Fracture	1	0.0	22.6	*	100.0	38.9	*	100.0	46.9	*
Prostatectomy	0									
Cholecystectomy	2	0.0	2.1	*	0.0	3.5	*	0.0	4.6	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DOROTHEA DIX HOSPITAL

S Boylan Ave
Raleigh, NC 27611

Medicare Provider Number: 340138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	261	7.3	5.8	1.6	12.6	9.3	2.2	17.6	12.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	16.7	14.5	*	50.0	24.1	*	66.7	31.0	*
Pneumonia/Influenza	18	16.7	10.0	*	33.3	14.6	*	33.3	18.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	24.4	*	0.0	31.3	*	100.0	37.6	*
Transient Cerebral Ischemia	0									
Stroke	5	20.0	11.9	*	40.0	17.6	*	40.0	21.4	*
Hip Fracture	1	0.0	3.6	*	0.0	6.0	*	0.0	7.5	*
Sepsis	3	33.3	17.5	*	33.3	27.1	*	66.7	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*
Hysterectomy	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	682
Occupancy Rate	88
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	36
Percent of Physicians Board Certified Specialists	47
Medical Residents/Interns	0
Registered Nurses	152
Licensed Practical Nurses	93

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DOROTHEA DIX HOSPITAL

Medicare Provider Number: 340138

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	10.7	7.3	3.8	14.3	11.5	3.9	17.3	14.8	3.6
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	16.3	*	33.3	18.7	*	33.3	21.7	*
Congestive Heart Failure	5	20.0	24.5	*	20.0	41.1	*	40.0	53.4	*
Pneumonia/Influenza	8	37.5	14.0	*	50.0	20.3	*	62.5	25.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.3	*	0.0	4.6	*	100.0	6.6	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	10.9	*	0.0	17.0	*	0.0	21.2	*
Hip Fracture	0									
Sepsis	6	33.3	16.5	*	33.3	23.7	*	33.3	28.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	6.5	4.7	2.7	10.6	7.4	3.9	13.4	9.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	25.0	13.1	*	25.0	19.0	*	25.0	24.6	*
Pneumonia/Influenza	10	0.0	6.0	*	10.0	8.5	*	10.0	10.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.9	*	0.0	5.1	*	0.0	6.0	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	14.8	*	50.0	21.4	*	50.0	25.7	*
Hip Fracture	2	0.0	3.8	*	0.0	8.8	*	0.0	13.4	*
Sepsis	1	100.0	30.2	*	100.0	35.7	*	100.0	42.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DUKE UNIVERSITY HOSPITAL

Erwin Rd Box 3708
Durham, NC 27710

Medicare Provider Number: 340030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,199	7.5	7.8	0.6	12.3	12.2	1.0	15.2	15.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	176	25.6	26.3	3.3	29.0	29.0	3.4	30.1	32.1	3.7
Congestive Heart Failure	99	18.2	14.1	6.0	25.3	22.0	6.2	31.3	28.5	5.5
Pneumonia/Influenza	54	16.7	16.1	5.4	24.1	22.3	6.0	24.1	27.2	6.9
Chronic Obstructive Pulmonary Disease	38	7.9	10.6	*	21.1	17.3	*	21.1	22.8	*
Transient Cerebral Ischemia	29	0.0	1.9	*	0.0	4.2	*	3.4	6.5	*
Stroke	121	9.9	20.3	5.2	15.7	26.1	6.2	19.0	30.2	5.8
Hip Fracture	51	7.8	6.4	3.5	9.8	11.2	5.0	9.8	14.5	5.9
Sepsis	21	47.6	28.4	*	61.9	38.8	*	76.2	46.3	*
PROCEDURES:										
Angioplasty	207	7.2	4.3	2.7	8.2	5.4	2.7	8.7	6.7	2.5
Coronary Artery Bypass Graft	264	4.2	5.1	1.6	6.4	7.2	2.3	6.8	8.5	2.9
Initial Pacemaker Insertion	26	0.0	2.7	*	3.8	5.7	*	3.8	8.6	*
Carotid Endarterectomy	17	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	117	0.0	1.6	1.4	0.0	3.3	2.2	0.9	4.8	2.7
Open Reduction of Hip Fracture	21	4.8	6.3	*	9.5	11.0	*	9.5	13.8	*
Prostatectomy	130	0.8	1.0	0.9	2.3	2.3	1.5	2.3	3.9	2.0
Cholecystectomy	46	4.3	4.8	*	4.3	9.5	*	6.5	13.5	*
Hysterectomy	74	2.7	1.3	1.6	2.7	2.6	2.1	2.7	3.9	2.8

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	1,017
Occupancy Rate	84
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	698
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	372
Registered Nurses	1,546
Licensed Practical Nurses	301

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

DUKE UNIVERSITY HOSPITAL

Medicare Provider Number: 340030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,278	6.7	7.7	0.5	10.8	11.9	0.5	14.1	15.4	0.6
CONDITIONS:										
Acute Myocardial Infarction	170	21.2	28.0	4.7	25.3	31.0	4.4	26.5	34.4	5.2
Congestive Heart Failure	94	12.8	14.8	3.8	20.2	22.9	5.1	28.7	29.6	6.1
Pneumonia/Influenza	52	25.0	14.9	8.6	26.9	20.6	8.0	28.8	25.1	6.9
Chronic Obstructive Pulmonary Disease	31	12.9	7.5	*	19.4	13.3	*	22.6	18.3	*
Transient Cerebral Ischemia	36	2.8	1.8	*	2.8	3.8	*	2.8	5.9	*
Stroke	88	15.9	21.4	6.8	18.2	27.6	7.5	21.6	31.9	8.7
Hip Fracture	55	3.6	5.4	3.6	7.3	9.7	4.3	12.7	12.5	4.5
Sepsis	27	40.7	28.6	*	51.9	35.9	*	51.9	41.0	*
PROCEDURES:										
Angioplasty	137	4.4	5.0	2.1	5.8	5.9	2.3	6.6	6.9	2.5
Coronary Artery Bypass Graft	324	5.9	6.4	2.1	8.3	8.8	2.0	9.3	10.3	2.3
Initial Pacemaker Insertion	40	7.5	7.7	*	10.0	11.2	*	10.0	14.2	*
Carotid Endarterectomy	19	0.0	1.5	*	0.0	2.7	*	5.3	3.9	*
Hip Replacement/Reconstruction	125	0.8	1.9	1.6	4.8	3.8	1.9	6.4	5.2	3.0
Open Reduction of Hip Fracture	22	9.1	4.5	*	13.6	8.4	*	18.2	11.0	*
Prostatectomy	101	0.0	1.0	1.4	0.0	2.6	2.8	2.0	4.3	4.0
Cholecystectomy	52	0.0	4.0	4.0	3.8	7.0	5.5	5.8	9.2	5.9
Hysterectomy	55	0.0	1.5	2.1	1.8	3.1	2.6	1.8	4.4	3.5

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,189	7.3	7.5	0.5	11.8	11.9	0.5	15.2	15.3	0.5
CONDITIONS:										
Acute Myocardial Infarction	149	27.5	28.0	3.8	31.5	30.9	3.9	34.2	34.1	4.5
Congestive Heart Failure	91	12.1	14.3	5.4	19.8	21.7	5.6	26.4	28.0	5.3
Pneumonia/Influenza	45	22.2	15.2	*	26.7	20.9	*	37.8	25.3	*
Chronic Obstructive Pulmonary Disease	40	15.0	8.2	*	27.5	13.7	*	30.0	18.3	*
Transient Cerebral Ischemia	31	3.2	1.7	*	9.7	3.3	*	9.7	5.0	*
Stroke	110	20.9	22.2	4.9	25.5	29.0	6.1	30.0	33.3	7.3
Hip Fracture	47	6.4	6.2	*	8.5	11.2	*	12.8	14.6	*
Sepsis	27	48.1	28.2	*	66.7	37.7	*	66.7	44.2	*
PROCEDURES:										
Angioplasty	125	9.6	6.8	4.3	11.2	7.8	4.5	12.0	9.0	4.6
Coronary Artery Bypass Graft	283	6.4	6.8	1.9	10.6	9.7	2.1	11.7	11.3	1.9
Initial Pacemaker Insertion	32	6.3	5.4	*	6.3	9.4	*	9.4	12.4	*
Carotid Endarterectomy	22	0.0	1.5	*	4.5	2.9	*	4.5	4.3	*
Hip Replacement/Reconstruction	109	1.8	1.4	1.2	1.8	2.6	1.7	3.7	3.4	1.9
Open Reduction of Hip Fracture	23	8.7	5.8	*	8.7	10.9	*	8.7	14.3	*
Prostatectomy	137	0.0	1.0	1.1	0.7	2.6	1.8	1.5	4.4	2.6
Cholecystectomy	47	6.4	2.6	*	10.6	5.1	*	12.8	7.2	*
Hysterectomy	68	1.5	1.3	2.2	2.9	2.9	2.4	4.4	4.7	2.6

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DUPLIN GENERAL HOSPITAL

Duplin St Box 278
Kenansville, NC 28349

Medicare Provider Number: 340120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	437	13.5	11.8	2.8	18.8	16.9	2.9	23.8	21.0	3.1
CONDITIONS:										
Acute Myocardial Infarction	21	38.1	31.3	*	38.1	34.7	*	38.1	38.5	*
Congestive Heart Failure	28	14.3	15.6	*	21.4	24.1	*	32.1	30.4	*
Pneumonia/Influenza	28	17.9	16.7	*	17.9	22.6	*	21.4	27.3	*
Chronic Obstructive Pulmonary Disease	11	36.4	6.8	*	36.4	12.2	*	36.4	17.2	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke	40	22.5	22.9	*	42.5	29.0	*	45.0	33.6	*
Hip Fracture	0									
Sepsis	5	40.0	19.4	*	40.0	25.4	*	60.0	30.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	0.0	2.3	*	0.0	3.7	*	12.5	4.8	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DUPLIN GENERAL HOSPITAL

Medicare Provider Number: 340120

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	405	14.3	11.0	1.9	22.0	16.2	2.5	27.4	20.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	28.0	*	38.9	31.0	*	38.9	34.7	*
Congestive Heart Failure	31	16.1	15.3	*	29.0	22.9	*	35.5	29.5	*
Pneumonia/Influenza	28	17.9	16.7	*	25.0	22.4	*	32.1	26.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.2	*	10.0	13.6	*	30.0	19.3	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	30	40.0	22.7	*	46.7	29.8	*	53.3	34.9	*
Hip Fracture	0									
Sepsis	5	20.0	21.5	*	20.0	29.9	*	20.0	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	14	0.0	1.3	*	7.1	2.3	*	7.1	3.1	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	426	15.5	13.0	2.0	19.7	17.9	2.8	26.8	21.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	32.9	*	28.2	36.7	*	41.0	40.8	*
Congestive Heart Failure	22	27.3	18.0	*	31.8	27.6	*	45.5	35.0	*
Pneumonia/Influenza	17	17.6	14.3	*	17.6	19.2	*	17.6	23.6	*
Chronic Obstructive Pulmonary Disease	9	22.2	6.5	*	22.2	11.7	*	22.2	16.3	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	34	35.3	22.4	*	41.2	29.2	*	50.0	34.0	*
Hip Fracture	0									
Sepsis	8	12.5	20.7	*	12.5	26.5	*	12.5	31.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	20.0	1.3	*	20.0	2.3	*	20.0	3.1	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DURHAM COUNTY GENERAL HOSPITAL

3643 N Roxboro St
Durham, NC 27704

Medicare Provider Number: 340155

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,238	9.6	9.2	0.5	14.9	13.7	0.8	18.7	17.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	139	30.2	26.2	4.7	38.1	29.6	5.7	41.7	32.9	6.4
Congestive Heart Failure	141	11.3	15.2	4.7	21.3	23.0	4.5	28.4	29.6	4.2
Pneumonia/Influenza	108	14.8	15.5	3.6	18.5	20.8	4.2	25.9	24.9	4.2
Chronic Obstructive Pulmonary Disease	22	13.6	5.2	*	22.7	8.9	*	27.3	12.3	*
Transient Cerebral Ischemia	28	3.6	1.7	*	3.6	3.7	*	10.7	5.9	*
Stroke	141	22.0	22.2	3.5	29.8	28.2	4.0	34.0	32.5	4.4
Hip Fracture	111	4.5	7.7	4.9	9.0	13.3	6.6	12.6	16.9	7.1
Sepsis	58	37.9	28.2	9.2	41.4	35.4	8.4	48.3	41.0	8.7
PROCEDURES:										
Angioplasty	2	50.0	8.4	*	50.0	9.3	*	50.0	10.5	*
Coronary Artery Bypass Graft	11	0.0	4.5	*	0.0	5.8	*	0.0	6.8	*
Initial Pacemaker Insertion	22	4.5	5.3	*	4.5	9.0	*	4.5	12.1	*
Carotid Endarterectomy	12	8.3	1.5	*	8.3	2.6	*	8.3	3.9	*
Hip Replacement/Reconstruction	87	2.3	4.0	2.7	6.9	7.4	3.0	10.3	10.0	3.4
Open Reduction of Hip Fracture	53	3.8	7.1	5.0	7.5	12.6	8.1	9.4	16.1	9.2
Prostatectomy	146	0.7	0.9	0.8	2.7	2.2	2.1	2.7	3.6	2.4
Cholecystectomy	86	1.2	3.0	2.4	3.5	5.3	3.3	3.5	6.8	3.4
Hysterectomy	32	3.1	1.0	*	6.3	2.0	*	6.3	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	393
Occupancy Rate	71
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	287
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	412
Licensed Practical Nurses	123

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DURHAM COUNTY GENERAL HOSPITAL

Medicare Provider Number: 340155

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,195	10.5	9.9	0.6	15.6	14.6	0.8	19.5	18.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	151	27.2	25.7	4.3	30.5	29.3	4.3	33.1	32.9	3.8
Congestive Heart Failure	139	17.3	15.5	3.4	23.7	23.3	3.7	30.2	29.9	4.0
Pneumonia/Influenza	135	17.8	17.1	3.8	25.2	23.0	4.1	28.9	27.4	4.2
Chronic Obstructive Pulmonary Disease	25	12.0	4.2	*	16.0	7.9	*	20.0	11.1	*
Transient Cerebral Ischemia	26	3.8	1.7	*	7.7	3.6	*	11.5	5.5	*
Stroke	133	21.8	23.4	4.1	31.6	29.6	4.1	37.6	34.2	4.4
Hip Fracture	120	8.3	8.1	2.5	14.2	14.1	3.9	14.2	17.7	5.1
Sepsis	59	28.8	28.7	5.9	33.9	36.7	7.6	45.8	43.1	7.6
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	2.3	*	0.0	4.7	*	0.0	7.0	*
Carotid Endarterectomy	15	0.0	2.2	*	6.7	4.3	*	13.3	6.4	*
Hip Replacement/Reconstruction	90	6.7	4.5	2.8	7.8	8.6	3.1	7.8	11.4	4.0
Open Reduction of Hip Fracture	57	5.3	7.6	4.0	14.0	13.6	6.1	14.0	17.3	7.3
Prostatectomy	127	0.8	0.9	0.8	2.4	2.1	1.3	3.9	3.5	1.7
Cholecystectomy	75	2.7	2.4	1.8	5.3	3.9	3.0	8.0	5.1	4.7
Hysterectomy	33	0.0	0.5	*	6.1	0.9	*	6.1	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,037	11.0	9.7	0.7	16.3	14.4	0.9	19.4	18.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	143	23.1	26.8	5.8	28.7	30.5	6.2	31.5	34.0	5.5
Congestive Heart Failure	131	13.0	15.8	5.6	22.1	23.8	5.4	26.7	30.4	5.1
Pneumonia/Influenza	108	18.5	16.2	6.6	24.1	21.9	6.1	29.6	26.6	7.6
Chronic Obstructive Pulmonary Disease	38	15.8	6.2	*	23.7	12.2	*	26.3	17.6	*
Transient Cerebral Ischemia	36	2.8	1.5	*	5.6	3.3	*	5.6	5.1	*
Stroke	114	33.3	24.2	6.2	40.4	30.7	6.8	43.0	35.3	6.2
Hip Fracture	120	7.5	7.1	3.2	13.3	12.4	3.5	15.8	15.7	3.4
Sepsis	92	31.5	29.8	6.0	43.5	37.2	8.4	48.9	43.3	9.3
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	4.3	3.6	*	4.3	6.7	*	4.3	9.3	*
Carotid Endarterectomy	25	0.0	1.4	*	4.0	2.7	*	4.0	4.1	*
Hip Replacement/Reconstruction	80	6.2	4.0	3.4	11.2	7.4	5.2	13.7	9.7	5.9
Open Reduction of Hip Fracture	55	5.5	6.9	4.4	9.1	12.6	6.9	10.9	16.1	9.4
Prostatectomy	137	0.7	0.7	0.7	1.5	1.6	1.1	2.9	2.7	1.4
Cholecystectomy	58	1.7	2.9	2.4	1.7	5.1	3.8	3.4	6.7	4.4
Hysterectomy	26	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FORSYTH MEMORIAL HOSPITAL

3333 Silas Creek Parkway
Winston-Salem, NC 27103

Medicare Provider Number: 340014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	6,221	10.8	9.7	0.5	16.7	14.9	0.8	20.3	18.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	172	32.6	26.6	5.8	34.9	29.4	5.5	35.5	32.5	4.7
Congestive Heart Failure	346	14.7	14.7	2.5	24.9	22.5	3.8	31.2	29.0	3.6
Pneumonia/Influenza	232	19.0	17.0	5.2	27.6	23.1	5.7	32.3	27.8	5.8
Chronic Obstructive Pulmonary Disease	106	13.2	5.1	4.6	19.8	9.9	4.9	22.6	14.3	5.1
Transient Cerebral Ischemia	109	1.8	1.8	1.6	4.6	4.0	2.1	6.4	6.3	2.3
Stroke	277	18.8	21.5	2.9	25.6	27.9	3.1	27.4	32.3	3.7
Hip Fracture	232	6.5	6.6	1.9	11.2	11.7	2.4	14.2	15.1	2.5
Sepsis	64	32.8	29.3	7.7	42.2	38.0	6.6	48.4	44.4	7.0
PROCEDURES:										
Angioplasty	99	5.1	3.4	2.4	5.1	4.2	2.6	5.1	5.3	3.1
Coronary Artery Bypass Graft	170	8.2	4.6	2.5	10.6	6.3	3.1	10.6	7.5	3.5
Initial Pacemaker Insertion	62	0.0	2.7	3.1	0.0	5.5	5.3	3.2	8.1	5.0
Carotid Endarterectomy	15	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	146	6.2	4.2	2.2	11.6	7.9	3.7	15.1	10.5	5.1
Open Reduction of Hip Fracture	99	5.1	6.3	2.8	9.1	11.6	4.5	11.1	15.1	6.9
Prostatectomy	125	2.4	1.5	1.7	7.2	3.4	3.3	9.6	5.5	3.9
Cholecystectomy	146	3.4	3.6	1.9	8.2	6.5	2.4	11.6	8.5	3.2
Hysterectomy	45	0.0	1.2	*	0.0	2.3	*	2.2	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	753
Occupancy Rate	87
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	388
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	635
Licensed Practical Nurses	172

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FORSYTH MEMORIAL HOSPITAL

Medicare Provider Number: 340014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	6,022	10.7	9.9	0.5	16.8	15.0	1.0	20.1	19.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	199	28.1	29.6	3.7	32.2	32.7	3.5	33.7	36.1	3.9
Congestive Heart Failure	292	17.8	15.0	3.8	26.7	22.8	3.6	31.8	29.4	3.4
Pneumonia/Influenza	172	22.1	17.5	4.0	27.3	23.7	3.9	29.1	28.4	3.5
Chronic Obstructive Pulmonary Disease	66	6.1	7.1	3.4	16.7	12.5	5.5	18.2	17.1	4.8
Transient Cerebral Ischemia	90	5.6	2.3	2.4	7.8	5.0	3.1	10.0	7.9	3.1
Stroke	293	21.5	22.2	2.7	28.7	28.9	2.7	32.8	33.6	2.9
Hip Fracture	236	3.4	6.4	2.3	9.3	11.7	2.7	14.0	15.2	2.4
Sepsis	68	35.3	29.6	6.8	52.9	37.0	7.8	57.4	42.8	7.7
PROCEDURES:										
Angioplasty	70	1.4	4.4	3.1	2.9	5.5	3.2	4.3	6.7	3.3
Coronary Artery Bypass Graft	118	5.9	5.9	2.4	9.3	7.8	2.7	11.9	9.0	3.5
Initial Pacemaker Insertion	81	6.2	4.9	2.6	9.9	8.1	3.4	11.1	10.9	3.5
Carotid Endarterectomy	15	6.7	1.2	*	13.3	2.2	*	13.3	3.3	*
Hip Replacement/Reconstruction	151	2.0	4.0	2.2	3.3	7.7	3.1	6.0	10.2	3.3
Open Reduction of Hip Fracture	75	5.3	5.8	3.0	10.7	11.1	3.7	17.3	14.6	5.3
Prostatectomy	142	1.4	1.6	1.7	6.3	3.9	2.6	7.0	6.3	2.6
Cholecystectomy	142	4.2	4.9	1.9	7.0	8.4	3.1	7.0	10.5	4.0
Hysterectomy	41	0.0	0.5	*	0.0	1.0	*	2.4	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,803	10.6	10.2	0.5	16.9	15.4	0.6	21.3	19.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	213	30.5	29.7	3.8	33.8	32.7	4.6	37.6	36.0	5.4
Congestive Heart Failure	303	19.5	16.0	2.5	30.0	24.1	3.5	38.9	30.8	4.3
Pneumonia/Influenza	188	24.5	17.8	4.0	35.6	23.9	4.8	39.9	28.7	4.9
Chronic Obstructive Pulmonary Disease	90	12.2	9.2	3.2	22.2	15.9	5.5	34.4	21.3	6.3
Transient Cerebral Ischemia	109	0.9	2.0	2.2	4.6	4.3	2.2	7.3	6.7	2.5
Stroke	277	19.9	23.0	3.8	27.1	29.3	4.2	31.0	33.8	4.0
Hip Fracture	224	5.8	6.5	3.0	9.8	11.9	3.3	13.8	15.4	3.5
Sepsis	63	30.2	29.8	5.8	39.7	37.6	6.3	47.6	43.7	8.1
PROCEDURES:										
Angioplasty	15	13.3	5.5	*	26.7	6.3	*	26.7	7.5	*
Coronary Artery Bypass Graft	44	6.8	6.9	*	9.1	9.0	*	9.1	10.2	*
Initial Pacemaker Insertion	78	2.6	4.7	4.0	3.8	8.2	5.7	6.4	11.0	6.3
Carotid Endarterectomy	16	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	137	3.6	4.6	2.3	5.8	8.9	4.6	8.0	11.8	5.5
Open Reduction of Hip Fracture	61	4.9	6.2	4.8	8.2	12.0	6.2	14.8	15.9	5.3
Prostatectomy	117	1.7	1.6	1.2	5.1	3.7	2.3	7.7	6.1	2.5
Cholecystectomy	113	4.4	4.0	2.7	12.4	6.8	3.7	14.2	8.7	4.2
Hysterectomy	43	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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FORSYTH MEMORIAL HOSPITAL
AN AFFILIATE OF CAROLINA MEDICORP INC

3333 SILAS CREEK PARKWAY
WINSTON-SALEM, NC 27103

January 10, 1991

Healthcare Finance Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to respond to your letter of December 6, 1990 and the accompanying HCFA Medicare Hospital Mortality Information.

We applaud HCFA's efforts to make the data more meaningful and useful to hospitals and physicians. We continue to feel that this information is of limited value since it does not measure severity of illness. We feel that lack of a measurement of severity of illness causes the predicted mortality rate to be of no value as an indication of quality and therefore of no value to the general public.

We have a comprehensive internal Quality Assurance Program. One of the important aspects of this is a review of all deaths and complications to identify areas for improvement.

The mortality data cannot help the public make meaningful comparisons between hospitals or to make informed decisions about health care and therefore can only serve to create misunderstanding, mistrust and unhealtny concerns regarding hospital care among the elder citizens.

Sincerely,

Paul M. Wiles
President

PMW:dws

FRANKLIN REGIONAL MEDICAL CENTER

100 Hospital Dr Box 609
Louisburg, NC 27549

Medicare Provider Number: 340036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	628	8.0	9.7	2.1	13.7	14.6	2.7	16.7	18.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	33.1	*	50.0	36.9	*	50.0	40.5	*
Congestive Heart Failure	22	9.1	13.0	*	13.6	19.8	*	18.2	25.9	*
Pneumonia/Influenza	40	7.5	17.3	*	10.0	23.5	*	15.0	28.1	*
Chronic Obstructive Pulmonary Disease	7	0.0	14.0	*	14.3	23.7	*	14.3	30.7	*
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	35	22.9	21.6	*	31.4	28.6	*	34.3	33.0	*
Hip Fracture	15	6.7	10.8	*	6.7	18.2	*	13.3	22.5	*
Sepsis	8	37.5	33.9	*	37.5	44.2	*	50.0	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	6.8	*	16.7	11.8	*	16.7	15.0	*
Open Reduction of Hip Fracture	4	0.0	14.0	*	0.0	24.8	*	25.0	30.7	*
Prostatectomy	0									
Cholecystectomy	11	0.0	1.8	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	7	0.0	1.1	*	0.0	2.5	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	85
Occupancy Rate	46
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FRANKLIN REGIONAL MEDICAL CENTER

Medicare Provider Number: 340036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	576	10.9	9.2	1.7	17.0	13.7	2.4	19.1	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	27.2	*	42.1	30.8	*	52.6	34.2	*
Congestive Heart Failure	23	8.7	13.1	*	21.7	19.6	*	26.1	25.4	*
Pneumonia/Influenza	38	7.9	17.1	*	7.9	22.5	*	7.9	26.7	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.8	*	0.0	11.7	*	14.3	15.8	*
Transient Cerebral Ischemia	9	0.0	2.1	*	11.1	4.2	*	11.1	6.3	*
Stroke	43	32.6	21.6	*	44.2	28.9	*	48.8	33.5	*
Hip Fracture	16	6.3	7.9	*	6.3	13.2	*	6.3	16.4	*
Sepsis	6	33.3	38.4	*	50.0	47.7	*	50.0	53.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	9.5	*	0.0	16.0	*	0.0	19.4	*
Open Reduction of Hip Fracture	8	0.0	5.7	*	0.0	10.4	*	0.0	13.6	*
Prostatectomy	0									
Cholecystectomy	11	0.0	1.7	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy	5	0.0	2.2	*	0.0	4.9	*	0.0	7.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	561	8.0	9.4	1.7	15.2	14.3	1.8	18.2	18.1	1.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	34.9	*	16.7	39.1	*	16.7	42.7	*
Congestive Heart Failure	23	0.0	17.3	*	13.0	25.6	*	21.7	32.3	*
Pneumonia/Influenza	27	11.1	16.8	*	11.1	22.1	*	14.8	26.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.4	*	0.0	15.3	*	25.0	21.5	*
Transient Cerebral Ischemia	11	0.0	2.6	*	0.0	5.6	*	9.1	9.0	*
Stroke	32	9.4	21.4	*	21.9	28.1	*	25.0	32.8	*
Hip Fracture	16	6.3	7.4	*	12.5	12.2	*	12.5	15.2	*
Sepsis	5	0.0	26.5	*	20.0	34.3	*	40.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.8	*	0.0	13.0	*	0.0	16.2	*
Open Reduction of Hip Fracture	10	0.0	5.8	*	10.0	10.4	*	10.0	13.2	*
Prostatectomy	0									
Cholecystectomy	14	7.1	2.9	*	7.1	4.6	*	7.1	5.6	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GASTON MEMORIAL HOSPITAL

2525 Court Dr
Gastonia, NC 28052

Medicare Provider Number: 340032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,973	11.4	10.5	0.7	18.3	15.4	1.0	21.9	19.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	176	26.7	28.5	5.2	30.1	32.1	4.4	33.5	35.7	4.2
Congestive Heart Failure	150	18.7	13.5	3.9	30.0	21.3	5.5	34.0	27.9	4.8
Pneumonia/Influenza	109	24.8	16.7	4.5	35.8	22.9	5.9	42.2	27.7	6.4
Chronic Obstructive Pulmonary Disease	23	4.3	8.4	*	8.7	14.8	*	8.7	19.9	*
Transient Cerebral Ischemia	42	2.4	1.7	*	2.4	3.7	*	4.8	5.8	*
Stroke	180	22.8	19.8	3.5	28.9	26.1	3.7	31.1	30.5	3.5
Hip Fracture	116	2.6	6.2	4.0	9.5	10.9	5.0	12.1	14.2	4.1
Sepsis	57	29.8	24.1	10.7	38.6	31.0	12.9	42.1	36.0	12.0
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	39	5.1	4.3	*	12.8	7.4	*	12.8	10.3	*
Carotid Endarterectomy	15	0.0	1.3	*	13.3	2.4	*	13.3	3.4	*
Hip Replacement/Reconstruction	47	2.1	3.7	*	6.4	6.8	*	8.5	9.1	*
Open Reduction of Hip Fracture	46	4.3	6.4	*	13.0	11.5	*	13.0	14.8	*
Prostatectomy	78	0.0	0.9	1.4	2.6	2.3	1.7	3.8	4.0	2.2
Cholecystectomy	121	3.3	2.6	2.2	5.0	4.3	2.5	5.8	5.5	2.2
Hysterectomy	29	0.0	0.5	*	3.4	1.0	*	3.4	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	394
Occupancy Rate	84
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	121
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	303
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GASTON MEMORIAL HOSPITAL

Medicare Provider Number: 340032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,819	11.4	9.4	0.7	16.8	14.1	0.7	21.1	17.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	181	23.2	25.1	3.5	30.4	28.3	3.6	32.6	31.9	3.5
Congestive Heart Failure	144	17.4	14.0	5.4	23.6	21.6	4.7	29.9	28.1	4.3
Pneumonia/Influenza	96	19.8	16.1	6.7	26.0	21.8	7.5	31.3	26.3	8.8
Chronic Obstructive Pulmonary Disease	23	13.0	6.3	*	26.1	10.5	*	30.4	14.1	*
Transient Cerebral Ischemia	41	2.4	1.8	*	4.9	3.8	*	9.8	5.8	*
Stroke	154	22.1	18.8	4.7	27.9	25.2	5.9	33.8	29.6	7.4
Hip Fracture	116	3.4	6.2	2.5	12.1	11.1	2.9	20.7	14.3	4.1
Sepsis	22	22.7	25.7	*	27.3	34.5	*	40.9	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	33	0.0	3.5	*	3.0	6.5	*	15.2	9.2	*
Carotid Endarterectomy	25	0.0	1.7	*	0.0	3.2	*	4.0	4.6	*
Hip Replacement/Reconstruction	54	1.9	3.6	3.1	9.3	6.7	3.7	16.7	8.8	5.3
Open Reduction of Hip Fracture	52	3.8	5.3	4.8	11.5	10.1	6.4	21.2	13.3	6.8
Prostatectomy	69	0.0	0.8	1.6	4.3	1.9	2.6	4.3	3.3	3.1
Cholecystectomy	109	5.5	1.9	2.9	6.4	3.6	3.0	8.3	4.8	3.7
Hysterectomy	25	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,659	10.8	9.8	0.7	16.6	14.4	1.0	20.3	17.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	233	23.6	27.3	3.6	26.6	30.6	3.6	30.0	34.0	3.7
Congestive Heart Failure	143	18.2	14.6	5.4	28.7	22.3	6.2	35.0	28.8	7.0
Pneumonia/Influenza	78	17.9	15.0	4.2	28.2	20.5	5.4	37.2	24.9	7.3
Chronic Obstructive Pulmonary Disease	14	21.4	12.0	*	28.6	20.4	*	28.6	26.6	*
Transient Cerebral Ischemia	40	0.0	1.9	*	2.5	4.0	*	7.5	6.2	*
Stroke	128	21.9	19.2	4.0	29.7	25.8	4.6	34.4	30.2	5.4
Hip Fracture	101	8.9	6.3	3.2	12.9	11.2	5.0	17.8	14.4	6.4
Sepsis	10	60.0	27.8	*	80.0	37.4	*	80.0	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	48	6.3	4.5	*	6.3	8.4	*	14.6	11.9	*
Carotid Endarterectomy	22	0.0	2.0	*	4.5	3.9	*	4.5	5.8	*
Hip Replacement/Reconstruction	41	9.8	3.6	*	9.8	6.5	*	12.2	8.5	*
Open Reduction of Hip Fracture	40	2.5	5.4	*	7.5	10.3	*	10.0	13.5	*
Prostatectomy	102	0.0	0.9	1.2	1.0	2.2	2.0	1.0	3.7	2.9
Cholecystectomy	80	5.0	1.5	2.0	8.7	2.7	3.1	10.0	3.5	3.6
Hysterectomy	22	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GOOD HOPE HOSPITAL

Denim Dr Box 668
Erwin, NC 28339

Medicare Provider Number: 340124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	397	10.6	10.7	1.6	15.4	15.6	2.1	18.4	19.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	24	8.3	23.6	*	12.5	26.1	*	12.5	29.1	*
Congestive Heart Failure	19	5.3	14.2	*	10.5	20.8	*	15.8	27.0	*
Pneumonia/Influenza	19	5.3	16.6	*	10.5	22.3	*	15.8	26.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.8	*	0.0	6.7	*	0.0	9.5	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.5	*	0.0	4.0	*
Stroke	28	17.9	20.2	*	25.0	26.8	*	25.0	31.0	*
Hip Fracture	14	14.3	7.8	*	14.3	13.2	*	14.3	16.9	*
Sepsis	14	28.6	20.4	*	35.7	26.9	*	35.7	31.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	8.8	*	33.3	15.2	*	33.3	19.1	*
Open Reduction of Hip Fracture	8	12.5	6.8	*	12.5	12.0	*	12.5	15.5	*
Prostatectomy	0									
Cholecystectomy	6	16.7	5.3	*	33.3	11.3	*	33.3	15.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	72
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	38
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GOOD HOPE HOSPITAL

Medicare Provider Number: 340124

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	472	12.3	10.7	2.0	17.4	15.5	1.8	19.3	19.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	31.5	*	42.1	34.8	*	47.4	38.5	*
Congestive Heart Failure	28	14.3	17.4	*	14.3	25.0	*	14.3	31.5	*
Pneumonia/Influenza	30	30.0	17.4	*	36.7	23.1	*	40.0	27.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.6	*	0.0	9.0	*	0.0	12.9	*
Transient Cerebral Ischemia	8	25.0	3.3	*	37.5	7.4	*	37.5	11.6	*
Stroke	22	27.3	20.0	*	36.4	26.2	*	36.4	30.8	*
Hip Fracture	7	0.0	11.0	*	0.0	18.9	*	0.0	23.4	*
Sepsis	11	36.4	28.1	*	36.4	36.2	*	36.4	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	12.7	*	0.0	21.0	*	0.0	24.8	*
Open Reduction of Hip Fracture	5	0.0	9.2	*	0.0	16.5	*	0.0	20.6	*
Prostatectomy	0									
Cholecystectomy	6	0.0	2.5	*	0.0	3.8	*	0.0	4.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	496	11.3	9.8	2.0	16.7	14.5	2.0	20.0	18.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	27.6	*	26.7	31.1	*	33.3	35.0	*
Congestive Heart Failure	22	31.8	18.6	*	36.4	27.8	*	40.9	34.9	*
Pneumonia/Influenza	18	33.3	17.0	*	33.3	22.7	*	33.3	27.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	28.3	*	100.0	42.5	*	100.0	50.9	*
Transient Cerebral Ischemia	10	10.0	2.2	*	10.0	5.0	*	10.0	8.0	*
Stroke	36	8.3	23.4	*	19.4	29.8	*	27.8	34.6	*
Hip Fracture	5	0.0	7.1	*	0.0	12.9	*	0.0	17.1	*
Sepsis	2	0.0	17.8	*	0.0	23.3	*	0.0	27.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	6.2	*	0.0	11.8	*	0.0	16.0	*
Prostatectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy	5	0.0	1.4	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRACE HOSPITAL INC

2201 S Sterling St
Morganton, NC 28655

Medicare Provider Number: 340075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,351	10.1	9.1	1.1	14.1	13.5	1.1	17.0	17.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	52	19.2	23.4	7.1	23.1	26.2	6.7	23.1	29.3	8.1
Congestive Heart Failure	77	19.5	14.2	7.0	23.4	22.0	5.3	29.9	28.3	5.4
Pneumonia/Influenza	105	18.1	16.0	4.0	20.0	21.8	4.3	22.9	26.3	4.9
Chronic Obstructive Pulmonary Disease	23	4.3	7.5	*	8.7	12.6	*	17.4	17.3	*
Transient Cerebral Ischemia	36	2.8	1.8	*	5.6	4.0	*	8.3	6.4	*
Stroke	48	10.4	16.3	*	20.8	22.8	*	22.9	26.9	*
Hip Fracture	36	13.9	8.1	*	22.2	14.4	*	27.8	18.5	*
Sepsis	23	26.1	35.1	*	30.4	43.4	*	34.8	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	2.9	*	21.4	5.3	*	21.4	7.7	*
Carotid Endarterectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	2.1	*
Hip Replacement/Reconstruction	17	5.9	6.2	*	11.8	11.7	*	17.6	15.3	*
Open Reduction of Hip Fracture	21	19.0	7.7	*	28.6	14.0	*	33.3	18.0	*
Prostatectomy	58	3.4	0.7	1.9	5.2	1.8	2.8	6.9	3.1	3.3
Cholecystectomy	36	16.7	4.0	*	16.7	7.0	*	19.4	9.0	*
Hysterectomy	9	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	161
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GRACE HOSPITAL INC

Medicare Provider Number: 340075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,265	10.4	8.8	1.3	15.1	13.1	1.7	17.4	16.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	47	36.2	27.4	*	42.6	30.5	*	42.6	33.9	*
Congestive Heart Failure	56	14.3	15.1	5.8	21.4	23.1	6.5	25.0	29.8	9.0
Pneumonia/Influenza	104	16.3	14.6	3.6	19.2	19.6	3.9	23.1	23.7	4.2
Chronic Obstructive Pulmonary Disease	12	8.3	5.0	*	8.3	8.7	*	8.3	12.0	*
Transient Cerebral Ischemia	18	5.6	1.7	*	5.6	3.7	*	11.1	5.7	*
Stroke	48	18.7	19.4	*	31.2	25.9	*	35.4	30.4	*
Hip Fracture	36	8.3	7.2	*	19.4	12.7	*	22.2	15.9	*
Sepsis	24	50.0	30.0	*	54.2	39.7	*	58.3	46.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	7.8	*	0.0	10.5	*	12.5	12.8	*
Carotid Endarterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Hip Replacement/Reconstruction	14	0.0	3.9	*	14.3	7.6	*	14.3	9.9	*
Open Reduction of Hip Fracture	24	4.2	5.6	*	12.5	10.7	*	16.7	13.9	*
Prostatectomy	53	0.0	0.9	2.6	5.7	2.0	3.6	5.7	3.2	4.8
Cholecystectomy	34	8.8	2.4	*	11.8	4.5	*	11.8	6.1	*
Hysterectomy	15	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,174	9.3	8.5	1.0	12.9	12.5	1.0	16.0	15.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	51	27.5	27.2	6.4	29.4	30.4	6.5	31.4	33.7	6.7
Congestive Heart Failure	66	18.2	15.5	6.3	30.3	23.8	7.7	34.8	30.5	8.6
Pneumonia/Influenza	55	14.5	16.0	6.0	16.4	21.4	7.6	21.8	25.9	8.4
Chronic Obstructive Pulmonary Disease	12	8.3	5.2	*	8.3	9.5	*	8.3	13.2	*
Transient Cerebral Ischemia	20	5.0	2.2	*	5.0	4.8	*	5.0	7.4	*
Stroke	39	17.9	27.5	*	23.1	33.9	*	25.6	38.2	*
Hip Fracture	28	3.6	6.6	*	3.6	11.7	*	7.1	15.1	*
Sepsis	11	0.0	25.3	*	9.1	32.7	*	27.3	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.0	*	20.0	8.7	*	40.0	13.1	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction	10	0.0	4.3	*	0.0	8.5	*	0.0	11.4	*
Open Reduction of Hip Fracture	12	8.3	7.3	*	8.3	12.7	*	8.3	15.8	*
Prostatectomy	57	3.5	0.7	2.4	3.5	1.8	3.1	3.5	3.1	3.7
Cholecystectomy	33	6.1	2.6	*	9.1	4.5	*	12.1	5.9	*
Hysterectomy	16	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GRANVILLE MEDICAL CENTER

College St Box 947
Oxford, NC 27565

Medicare Provider Number: 340127

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	536	15.7	11.4	2.1	22.2	16.6	2.6	27.1	20.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	29	31.0	32.5	*	31.0	35.9	*	34.5	39.9	*
Congestive Heart Failure	31	12.9	10.9	*	22.6	17.5	*	29.0	23.2	*
Pneumonia/Influenza	50	36.0	14.9	*	36.0	20.5	*	48.0	25.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.6	*	0.0	10.7	*	0.0	15.5	*
Transient Cerebral Ischemia	7	0.0	1.7	*	14.3	3.5	*	14.3	5.5	*
Stroke	25	24.0	18.9	*	32.0	24.8	*	40.0	29.1	*
Hip Fracture	16	0.0	7.5	*	18.8	13.8	*	25.0	17.9	*
Sepsis	6	0.0	18.3	*	0.0	23.1	*	0.0	28.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	9.1	*	0.0	18.3	*	50.0	24.4	*
Open Reduction of Hip Fracture	11	0.0	6.7	*	18.2	12.9	*	18.2	17.0	*
Prostatectomy	22	0.0	2.8	*	4.5	5.3	*	4.5	8.2	*
Cholecystectomy	2	0.0	1.9	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy	1	0.0	0.3	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	66
Occupancy Rate	65
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	39

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GRANVILLE MEDICAL CENTER

Medicare Provider Number: 340127

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	498	12.2	10.1	2.3	18.7	14.9	2.4	21.5	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	16	56.3	37.5	*	62.5	40.6	*	62.5	44.1	*
Congestive Heart Failure	28	7.1	11.5	*	14.3	18.4	*	25.0	24.4	*
Pneumonia/Influenza	36	22.2	17.9	*	30.6	24.7	*	36.1	29.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.9	*	0.0	13.3	*	0.0	17.7	*
Transient Cerebral Ischemia	6	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Stroke	22	27.3	18.5	*	36.4	24.7	*	45.5	29.3	*
Hip Fracture	16	12.5	6.3	*	18.8	11.8	*	18.8	15.6	*
Sepsis	11	9.1	19.7	*	18.2	24.6	*	18.2	29.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.5	*	25.0	10.7	*	25.0	14.7	*
Open Reduction of Hip Fracture	10	20.0	5.4	*	20.0	10.5	*	20.0	14.3	*
Prostatectomy	20	0.0	2.3	*	5.0	5.6	*	5.0	8.9	*
Cholecystectomy	2	0.0	3.2	*	0.0	5.1	*	0.0	6.5	*
Hysterectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	488	17.6	10.7	1.5	24.8	15.8	2.4	27.5	19.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	61.1	36.6	*	72.2	40.0	*	77.8	43.8	*
Congestive Heart Failure	28	17.9	15.3	*	35.7	23.4	*	39.3	30.3	*
Pneumonia/Influenza	32	15.6	13.2	*	28.1	18.2	*	34.4	22.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.9	*	0.0	11.0	*	0.0	15.6	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	25	28.0	18.1	*	36.0	24.2	*	36.0	28.9	*
Hip Fracture	24	16.7	5.1	*	25.0	9.6	*	25.0	12.8	*
Sepsis	6	33.3	22.1	*	66.7	28.9	*	66.7	35.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	4.5	*	22.2	8.5	*	22.2	11.4	*
Open Reduction of Hip Fracture	9	33.3	4.4	*	33.3	8.7	*	33.3	11.9	*
Prostatectomy	8	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*
Cholecystectomy	7	0.0	1.5	*	0.0	2.6	*	0.0	3.7	*
Hysterectomy	3	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HALIFAX MEMORIAL HOSPITAL

250 Smith Church Rd
Roanoke Rapids, NC 27870

Medicare Provider Number: 340151

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,712	8.7	8.9	0.7	14.0	13.3	0.9	17.1	16.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	82	20.7	24.9	6.1	28.0	28.6	5.2	32.9	32.0	5.3
Congestive Heart Failure	112	8.0	14.1	5.4	15.2	22.0	6.0	23.2	28.6	5.2
Pneumonia/Influenza	56	16.1	12.3	5.4	17.9	16.8	6.3	21.4	20.6	5.7
Chronic Obstructive Pulmonary Disease	31	3.2	5.7	*	3.2	11.0	*	6.5	15.8	*
Transient Cerebral Ischemia	40	0.0	2.2	*	5.0	4.9	*	7.5	7.9	*
Stroke	86	30.2	20.7	6.3	39.5	27.0	7.8	41.9	31.3	7.6
Hip Fracture	24	4.2	5.9	*	12.5	10.5	*	12.5	13.7	*
Sepsis	20	30.0	29.6	*	40.0	38.4	*	50.0	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.7	*	0.0	3.5	*	0.0	5.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	1.6	*	0.0	2.9	*	0.0	4.1	*
Open Reduction of Hip Fracture	11	9.1	5.4	*	18.2	10.1	*	18.2	13.2	*
Prostatectomy	65	0.0	1.3	1.7	1.5	3.2	2.4	1.5	5.2	3.6
Cholecystectomy	26	3.8	3.7	*	11.5	6.8	*	15.4	8.8	*
Hysterectomy	8	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	171
Occupancy Rate	88
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	48
Percent of Physicians Board Certified Specialists	54
Medical Residents/Interns	0
Registered Nurses	131
Licensed Practical Nurses	55

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HALIFAX MEMORIAL HOSPITAL

Medicare Provider Number: 340151

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,663	10.8	8.8	1.0	15.3	13.2	1.2	18.5	16.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	82	34.1	25.0	8.1	40.2	28.1	8.0	41.5	31.4	7.9
Congestive Heart Failure	86	15.1	14.9	3.9	22.1	23.0	4.7	30.2	29.8	6.0
Pneumonia/Influenza	75	16.0	13.5	6.8	24.0	18.5	8.8	28.0	22.6	11.2
Chronic Obstructive Pulmonary Disease	26	11.5	8.5	*	11.5	14.8	*	23.1	20.1	*
Transient Cerebral Ischemia	27	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	94	24.5	20.5	6.0	28.7	26.1	5.9	31.9	30.6	6.1
Hip Fracture	30	3.3	6.3	*	10.0	11.3	*	10.0	14.5	*
Sepsis	15	33.3	24.7	*	46.7	31.1	*	53.3	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	66.7	18.9	*	66.7	22.1	*	66.7	24.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	5.9	3.4	*	11.8	6.4	*	11.8	8.3	*
Open Reduction of Hip Fracture	14	0.0	5.6	*	7.1	10.8	*	7.1	14.3	*
Prostatectomy	67	1.5	1.0	1.7	1.5	2.3	2.3	1.5	3.7	3.0
Cholecystectomy	21	0.0	1.8	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	6	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,570	10.2	9.4	0.8	15.3	13.8	1.2	19.3	17.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	99	31.3	27.2	5.3	40.4	30.7	5.7	40.4	34.3	6.7
Congestive Heart Failure	109	19.3	14.7	7.3	27.5	22.7	7.8	33.0	29.5	6.8
Pneumonia/Influenza	62	14.5	13.2	4.6	19.4	18.0	5.0	21.0	22.4	5.9
Chronic Obstructive Pulmonary Disease	30	6.7	7.2	*	10.0	13.7	*	16.7	18.9	*
Transient Cerebral Ischemia	20	0.0	2.0	*	5.0	4.4	*	5.0	6.9	*
Stroke	88	22.7	19.0	5.9	31.8	24.8	8.0	34.1	29.6	7.0
Hip Fracture	21	4.8	6.0	*	9.5	10.9	*	14.3	14.4	*
Sepsis	20	35.0	34.8	*	50.0	42.7	*	50.0	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	7.0	*	33.3	11.6	*	33.3	14.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	12.5	3.7	*	18.8	7.0	*	25.0	9.2	*
Open Reduction of Hip Fracture	10	10.0	4.7	*	10.0	8.9	*	10.0	12.0	*
Prostatectomy	56	3.6	1.0	1.9	3.6	2.4	3.6	10.7	4.1	3.7
Cholecystectomy	19	0.0	1.9	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy	6	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HAMLET HOSPITAL

118 Vance St Box 1109
Hamlet, NC 28345

Medicare Provider Number: 340106

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	406	11.3	10.7	2.1	18.7	15.6	3.5	21.7	19.7	4.0
CONDITIONS:										
Acute Myocardial Infarction	22	13.6	33.5	*	13.6	37.1	*	18.2	41.1	*
Congestive Heart Failure	42	19.0	12.5	*	26.2	19.4	*	33.3	25.3	*
Pneumonia/Influenza	16	12.5	16.6	*	25.0	23.0	*	25.0	27.8	*
Chronic Obstructive Pulmonary Disease	13	0.0	3.3	*	0.0	6.7	*	0.0	10.0	*
Transient Cerebral Ischemia	8	12.5	1.6	*	12.5	3.2	*	12.5	5.0	*
Stroke	24	29.2	18.5	*	45.8	24.2	*	50.0	28.6	*
Hip Fracture	1	0.0	5.4	*	0.0	9.4	*	0.0	12.1	*
Sepsis	7	28.6	32.2	*	57.1	41.4	*	57.1	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.0	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy	3	0.0	2.2	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	0									

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	54
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	68
Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

HAMLET HOSPITAL

Medicare Provider Number: 340106

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	343	9.6	9.2	1.6	13.1	13.8	2.0	17.8	17.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	19	10.5	20.4	*	10.5	24.0	*	15.8	27.5	*
Congestive Heart Failure	27	14.8	14.7	*	14.8	22.6	*	18.5	29.1	*
Pneumonia/Influenza	11	45.5	14.0	*	45.5	19.7	*	45.5	24.0	*
Chronic Obstructive Pulmonary Disease	10	0.0	3.3	*	10.0	6.3	*	20.0	8.8	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke	8	50.0	25.4	*	62.5	30.0	*	62.5	34.1	*
Hip Fracture	0									
Sepsis	8	25.0	21.2	*	25.0	29.4	*	25.0	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.6	*	0.0	1.3	*	0.0	1.8	*
Cholecystectomy	10	0.0	2.7	*	0.0	4.8	*	0.0	6.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	261	12.3	10.3	2.5	15.7	15.0	2.3	18.8	18.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	34.5	*	25.0	38.1	*	37.5	42.0	*
Congestive Heart Failure	19	15.8	14.3	*	31.6	21.5	*	36.8	27.7	*
Pneumonia/Influenza	13	23.1	17.9	*	23.1	24.6	*	23.1	29.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.3	*	16.7	8.0	*	16.7	11.6	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	21	33.3	20.9	*	38.1	26.3	*	42.9	30.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.9	*	50.0	1.8	*	50.0	3.0	*
Cholecystectomy	4	0.0	2.2	*	0.0	4.0	*	0.0	5.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HAYWOOD COUNTY HOSPITAL

90 Hospital Dr
Clyde, NC 28721

Medicare Provider Number: 340025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,703	8.7	8.9	0.8	12.6	13.5	1.0	16.4	17.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	54	25.9	31.1	12.9	27.8	34.3	13.2	29.6	38.2	13.7
Congestive Heart Failure	90	6.7	13.9	7.0	14.4	21.7	8.5	21.1	28.3	9.7
Pneumonia/Influenza	76	11.8	16.3	7.4	17.1	22.3	7.4	25.0	27.0	5.9
Chronic Obstructive Pulmonary Disease	42	9.5	5.4	*	14.3	10.0	*	21.4	14.3	*
Transient Cerebral Ischemia	24	0.0	1.8	*	4.2	3.9	*	4.2	6.3	*
Stroke	77	22.1	19.4	5.4	26.0	25.5	6.7	35.1	30.0	8.8
Hip Fracture	59	0.0	5.7	4.7	5.1	10.1	6.2	5.1	13.2	7.0
Sepsis	24	33.3	29.1	*	33.3	36.1	*	33.3	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	4.8	2.3	*	4.8	4.8	*	4.8	7.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	0.0	4.9	*	6.3	9.1	*	9.4	12.0	*
Open Reduction of Hip Fracture	29	0.0	4.6	*	0.0	8.7	*	0.0	11.6	*
Prostatectomy	47	4.3	0.6	*	10.6	1.4	*	10.6	2.4	*
Cholecystectomy	34	2.9	3.3	*	2.9	5.0	*	2.9	5.9	*
Hysterectomy	14	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	152
Occupancy Rate	63
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	60
Percent of Physicians Board Certified Specialists	68
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	69

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAYWOOD COUNTY HOSPITAL

Medicare Provider Number: 340025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,701	10.6	8.8	1.2	15.3	13.2	1.4	18.4	16.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	82	36.6	29.0	9.0	42.7	32.5	8.6	43.9	36.2	8.7
Congestive Heart Failure	88	20.5	15.5	6.4	31.8	23.7	10.8	36.4	30.5	10.1
Pneumonia/Influenza	78	20.5	15.3	8.3	25.6	21.0	7.6	30.8	25.3	7.3
Chronic Obstructive Pulmonary Disease	29	3.4	7.3	*	13.8	13.4	*	17.2	19.0	*
Transient Cerebral Ischemia	26	0.0	2.2	*	0.0	5.0	*	0.0	7.8	*
Stroke	54	31.5	19.6	9.3	42.6	25.7	10.3	44.4	30.3	9.7
Hip Fracture	55	7.3	6.3	3.4	9.1	11.3	5.3	10.9	14.6	7.2
Sepsis	23	43.5	32.3	*	56.5	40.5	*	60.9	47.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	26	11.5	7.0	*	11.5	9.9	*	19.2	12.5	*
Carotid Endarterectomy	1	0.0	1.3	*	0.0	2.3	*	0.0	3.5	*
Hip Replacement/Reconstruction	34	2.9	4.6	*	5.9	8.5	*	8.8	11.1	*
Open Reduction of Hip Fracture	27	11.1	5.6	*	11.1	10.7	*	11.1	14.2	*
Prostatectomy	55	3.6	0.9	2.7	3.6	2.3	2.7	7.3	4.0	4.9
Cholecystectomy	29	0.0	1.7	*	6.9	3.1	*	6.9	4.2	*
Hysterectomy	12	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,545	10.7	8.8	1.1	14.6	13.2	1.0	18.3	16.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	76	31.6	27.5	6.0	38.2	30.8	7.7	40.8	34.5	9.3
Congestive Heart Failure	87	11.5	15.0	4.6	20.7	22.8	4.9	33.3	29.5	6.1
Pneumonia/Influenza	55	9.1	14.8	6.1	14.5	20.4	6.7	21.8	25.0	6.3
Chronic Obstructive Pulmonary Disease	27	14.8	10.0	*	18.5	17.7	*	18.5	23.8	*
Transient Cerebral Ischemia	22	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke	69	30.4	19.9	6.8	33.3	26.2	6.9	39.1	30.7	6.8
Hip Fracture	46	6.5	6.5	*	10.9	11.5	*	17.4	14.8	*
Sepsis	19	36.8	26.5	*	42.1	33.9	*	42.1	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.5	*	10.0	5.1	*	10.0	7.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	31	6.5	3.9	*	9.7	7.2	*	12.9	9.5	*
Open Reduction of Hip Fracture	27	3.7	5.5	*	7.4	10.2	*	14.8	13.3	*
Prostatectomy	41	2.4	0.6	*	2.4	1.5	*	2.4	2.5	*
Cholecystectomy	30	3.3	3.1	*	6.7	5.6	*	6.7	7.1	*
Hysterectomy	18	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HCA RALEIGH COMMUNITY HOSPITAL INC

3400 Old Wake Forest Rd
Raleigh, NC 27609

Medicare Provider Number: 340073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,321	8.3	8.4	1.0	11.6	12.6	1.4	15.4	15.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	46	26.1	24.3	*	28.3	27.6	*	32.6	30.9	*
Congestive Heart Failure	65	10.8	13.1	5.8	20.0	20.2	5.8	27.7	26.5	5.6
Pneumonia/Influenza	41	22.0	13.7	*	29.3	19.4	*	34.1	23.5	*
Chronic Obstructive Pulmonary Disease	19	15.8	6.9	*	21.1	11.6	*	26.3	15.6	*
Transient Cerebral Ischemia	24	0.0	1.4	*	0.0	3.1	*	8.3	4.8	*
Stroke	70	14.3	21.5	6.7	18.6	28.0	7.7	20.0	32.6	8.2
Hip Fracture	32	3.1	6.2	*	6.3	10.7	*	6.3	13.7	*
Sepsis	19	36.8	24.3	*	42.1	32.4	*	47.4	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	1.7	*	0.0	3.7	*	0.0	5.5	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	2.7	*	0.0	4.1	*
Hip Replacement/Reconstruction	18	0.0	1.8	*	0.0	3.3	*	0.0	4.4	*
Open Reduction of Hip Fracture	19	5.3	6.2	*	10.5	11.2	*	10.5	14.4	*
Prostatectomy	48	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	36	0.0	3.4	*	8.3	6.4	*	11.1	8.7	*
Hysterectomy	4	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	218
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	153
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	Yes
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

HCA RALEIGH COMMUNITY HOSPITAL INC

Medicare Provider Number: 340073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,234	9.4	8.5	1.1	12.6	12.8	1.0	15.4	16.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	42	26.2	28.5	*	33.3	31.4	*	33.3	34.8	*
Congestive Heart Failure	59	18.6	14.9	5.6	25.4	22.8	5.9	30.5	29.5	6.1
Pneumonia/Influenza	50	18.0	14.7	*	22.0	19.9	*	22.0	24.0	*
Chronic Obstructive Pulmonary Disease	16	25.0	10.5	*	25.0	17.4	*	25.0	22.8	*
Transient Cerebral Ischemia	14	0.0	2.1	*	7.1	4.5	*	7.1	7.1	*
Stroke	47	19.1	20.5	*	19.1	26.8	*	25.5	31.3	*
Hip Fracture	26	7.7	7.3	*	11.5	12.5	*	15.4	15.6	*
Sepsis	22	13.6	21.7	*	22.7	27.8	*	27.3	32.7	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.3	*	0.0	3.9	*	33.3	5.5	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction	11	0.0	3.6	*	0.0	6.2	*	0.0	7.8	*
Open Reduction of Hip Fracture	14	7.1	6.8	*	14.3	12.2	*	21.4	15.5	*
Prostatectomy	55	5.5	0.9	3.8	5.5	2.1	3.3	7.3	3.5	4.4
Cholecystectomy	31	3.2	2.6	*	3.2	4.6	*	3.2	5.8	*
Hysterectomy	9	0.0	0.8	*	0.0	1.6	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	981	8.2	8.5	1.0	12.2	12.7	1.1	15.1	16.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	33	39.4	30.3	*	42.4	33.8	*	42.4	37.2	*
Congestive Heart Failure	45	13.3	14.9	*	17.8	22.5	*	22.2	29.0	*
Pneumonia/Influenza	34	26.5	14.1	*	32.4	19.2	*	32.4	23.4	*
Chronic Obstructive Pulmonary Disease	10	0.0	6.0	*	20.0	10.6	*	30.0	14.4	*
Transient Cerebral Ischemia	15	0.0	1.8	*	0.0	3.6	*	0.0	5.6	*
Stroke	48	16.7	23.8	*	18.8	29.1	*	20.8	33.1	*
Hip Fracture	21	0.0	7.8	*	4.8	12.9	*	9.5	16.0	*
Sepsis	10	30.0	35.8	*	30.0	43.8	*	30.0	49.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.1	*	0.0	4.3	*	0.0	6.3	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	7	14.3	5.6	*	14.3	11.3	*	14.3	16.1	*
Open Reduction of Hip Fracture	15	0.0	6.7	*	6.7	11.9	*	13.3	15.0	*
Prostatectomy	47	0.0	1.1	*	0.0	2.7	*	2.1	4.5	*
Cholecystectomy	30	0.0	2.2	*	3.3	3.8	*	3.3	4.8	*
Hysterectomy	3	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HERITAGE HOSPITAL

111 Hospital Dr
Tarboro, NC 27886

Medicare Provider Number: 340107

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	713	12.8	9.6	2.0	17.7	14.2	2.3	20.6	17.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	25.9	*	40.6	28.8	*	43.8	32.1	*
Congestive Heart Failure	48	10.4	11.8	*	14.6	17.9	*	14.6	23.4	*
Pneumonia/Influenza	32	12.5	15.7	*	15.6	21.2	*	15.6	25.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.1	*	0.0	5.7	*	0.0	8.1	*
Transient Cerebral Ischemia	12	8.3	1.7	*	8.3	3.7	*	16.7	5.8	*
Stroke	47	34.0	20.9	*	40.4	26.7	*	44.7	30.9	*
Hip Fracture	22	9.1	7.2	*	13.6	12.1	*	13.6	15.3	*
Sepsis	9	55.6	28.0	*	66.7	37.2	*	66.7	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.6	*	0.0	9.5	*	0.0	16.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	2.8	*	0.0	4.9	*	0.0	6.5	*
Open Reduction of Hip Fracture	14	14.3	7.3	*	21.4	12.8	*	21.4	16.2	*
Prostatectomy	9	0.0	1.3	*	0.0	3.2	*	11.1	5.5	*
Cholecystectomy	12	25.0	2.4	*	25.0	4.1	*	25.0	5.4	*
Hysterectomy	12	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	127
Occupancy Rate	51
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HERITAGE HOSPITAL

Medicare Provider Number: 340107

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	733	11.9	10.4	2.2	16.9	15.5	2.5	21.0	19.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	27.0	*	34.8	30.8	*	39.1	34.7	*
Congestive Heart Failure	44	6.8	12.4	*	15.9	18.7	*	15.9	24.3	*
Pneumonia/Influenza	32	21.9	16.4	*	28.1	22.5	*	34.4	27.3	*
Chronic Obstructive Pulmonary Disease	8	25.0	6.8	*	25.0	11.9	*	25.0	16.0	*
Transient Cerebral Ischemia	9	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Stroke	50	26.0	21.3	*	32.0	28.0	*	38.0	32.8	*
Hip Fracture	28	0.0	7.0	*	0.0	12.1	*	0.0	15.2	*
Sepsis	7	42.9	24.0	*	42.9	29.7	*	42.9	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.5	*	0.0	7.3	*	0.0	9.9	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction	10	0.0	2.8	*	0.0	4.9	*	0.0	6.3	*
Open Reduction of Hip Fracture	19	0.0	6.2	*	0.0	11.0	*	0.0	14.0	*
Prostatectomy	7	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	13	0.0	2.3	*	0.0	4.1	*	0.0	5.3	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	714	12.5	11.2	2.3	19.0	16.2	3.1	22.3	19.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	30.0	*	35.5	32.9	*	35.5	36.2	*
Congestive Heart Failure	31	12.9	15.9	*	19.4	23.5	*	32.3	30.2	*
Pneumonia/Influenza	28	14.3	19.1	*	25.0	25.5	*	28.6	30.5	*
Chronic Obstructive Pulmonary Disease	8	0.0	5.5	*	0.0	10.8	*	0.0	15.7	*
Transient Cerebral Ischemia	8	0.0	2.6	*	12.5	5.2	*	25.0	8.1	*
Stroke	47	38.3	22.5	*	40.4	29.2	*	42.6	33.6	*
Hip Fracture	22	4.5	6.7	*	4.5	11.3	*	9.1	14.2	*
Sepsis	6	50.0	33.5	*	66.7	40.5	*	66.7	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	4.5	*	22.2	7.6	*	22.2	10.2	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	2.9	*	0.0	4.0	*
Hip Replacement/Reconstruction	7	0.0	3.0	*	0.0	5.9	*	0.0	8.1	*
Open Reduction of Hip Fracture	15	6.7	6.2	*	6.7	10.9	*	6.7	13.8	*
Prostatectomy	38	0.0	1.6	*	0.0	4.0	*	0.0	6.7	*
Cholecystectomy	13	23.1	3.5	*	30.8	6.0	*	30.8	7.8	*
Hysterectomy	2	0.0	3.7	*	0.0	6.6	*	0.0	7.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HIGH POINT REGIONAL HOSPITAL

601 N Elm St
High Point, NC 27261

Medicare Provider Number: 340004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,917	9.4	9.2	0.6	14.2	13.8	0.8	17.1	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	104	21.2	29.9	7.6	25.0	33.6	7.9	26.0	37.3	8.0
Congestive Heart Failure	157	15.3	14.1	3.7	22.3	21.7	3.3	26.1	28.1	4.0
Pneumonia/Influenza	130	20.0	16.0	3.5	30.0	21.6	4.6	37.7	26.1	5.7
Chronic Obstructive Pulmonary Disease	32	3.1	6.5	*	15.6	11.3	*	31.3	15.7	*
Transient Cerebral Ischemia	47	2.1	1.8	*	2.1	3.9	*	2.1	6.3	*
Stroke	153	25.5	20.4	5.8	30.7	26.4	6.0	33.3	30.7	5.0
Hip Fracture	100	5.0	6.6	3.8	7.0	11.6	5.6	9.0	15.0	6.6
Sepsis	42	21.4	28.2	*	28.6	35.2	*	31.0	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	4.8	3.9	*	4.8	8.3	*	4.8	12.6	*
Carotid Endarterectomy	19	0.0	1.5	*	0.0	3.0	*	5.3	4.5	*
Hip Replacement/Reconstruction	65	4.6	3.9	3.2	7.7	6.7	3.8	9.2	8.8	3.5
Open Reduction of Hip Fracture	43	4.7	6.7	*	7.0	12.5	*	7.0	16.4	*
Prostatectomy	139	0.7	1.3	1.1	2.2	3.1	1.7	5.0	5.2	1.9
Cholecystectomy	96	2.1	2.2	1.6	5.2	3.8	2.3	5.2	4.9	2.7
Hysterectomy	29	0.0	0.8	*	3.4	1.6	*	3.4	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	306
Occupancy Rate	79
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	149
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	345
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HIGH POINT REGIONAL HOSPITAL

Medicare Provider Number: 340004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,825	10.2	9.4	1.1	14.7	14.0	1.3	18.5	17.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	121	33.1	30.1	5.6	38.8	33.3	5.2	39.7	36.8	4.6
Congestive Heart Failure	147	12.2	15.2	5.2	18.4	23.1	7.0	25.9	29.8	7.3
Pneumonia/Influenza	117	24.8	18.3	6.7	30.8	24.7	6.3	34.2	29.6	5.8
Chronic Obstructive Pulmonary Disease	14	7.1	5.2	*	7.1	9.5	*	21.4	13.3	*
Transient Cerebral Ischemia	38	2.6	1.9	*	2.6	4.2	*	2.6	6.5	*
Stroke	147	23.8	22.6	4.4	32.7	28.5	4.3	37.4	32.9	4.9
Hip Fracture	107	7.5	6.3	2.7	11.2	11.6	3.6	15.9	15.0	3.7
Sepsis	22	13.6	27.6	*	22.7	35.7	*	27.3	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	4.3	4.6	*	4.3	7.0	*	4.3	9.3	*
Carotid Endarterectomy	15	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	68	4.4	3.9	2.4	8.8	7.7	3.4	11.8	10.2	4.6
Open Reduction of Hip Fracture	52	7.7	6.1	4.1	9.6	11.6	6.0	15.4	15.2	5.2
Prostatectomy	138	2.9	1.5	1.9	5.1	3.4	2.6	8.0	5.4	2.9
Cholecystectomy	92	7.6	3.5	2.8	8.7	6.0	3.2	9.8	7.5	3.3
Hysterectomy	29	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,491	11.0	9.2	0.6	16.3	13.5	0.8	20.4	16.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	113	30.1	30.2	4.5	34.5	33.1	4.6	34.5	36.4	5.0
Congestive Heart Failure	137	19.7	15.3	4.1	25.5	23.1	5.6	38.7	29.6	6.1
Pneumonia/Influenza	81	27.2	15.1	4.9	29.6	20.6	5.0	33.3	25.1	5.2
Chronic Obstructive Pulmonary Disease	15	6.7	4.8	*	13.3	8.4	*	13.3	11.4	*
Transient Cerebral Ischemia	33	0.0	2.1	*	3.0	4.6	*	6.1	7.4	*
Stroke	139	19.4	20.8	3.8	25.2	27.0	4.3	28.1	31.2	5.0
Hip Fracture	87	10.3	5.5	4.7	14.9	10.0	5.8	19.5	13.1	6.7
Sepsis	31	25.8	23.8	*	45.2	31.3	*	51.6	37.0	*
PROCEDURES:										
Angioplasty	1	0.0	3.1	*	0.0	6.3	*	0.0	8.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	0.0	4.0	*	0.0	7.7	*	4.5	11.0	*
Carotid Endarterectomy	22	9.1	1.3	*	9.1	2.3	*	9.1	3.2	*
Hip Replacement/Reconstruction	61	6.6	3.7	3.6	9.8	7.1	4.2	11.5	9.6	4.3
Open Reduction of Hip Fracture	28	10.7	4.6	*	17.9	9.0	*	28.6	12.1	*
Prostatectomy	114	3.5	0.9	1.4	7.0	2.2	2.5	8.8	3.8	2.9
Cholecystectomy	80	5.0	2.5	3.0	6.3	4.3	3.5	8.7	5.6	4.2
Hysterectomy	28	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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High Point
Regional Hospital

601 North Elm Street
P.O. Box HP-5
High Point, North Carolina 27261
(919) 884-8400

January 11, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, M.D. 21207

Attention: Mrs. Sandra Kappert

RE: Hospital Morbidity Data

Dear Madam:

We are in receipt of our 1989 Medicare Hospital Mortality rates and have reviewed this information to the best of our ability. We have identified one condition which will require a thorough analysis. This analysis will include contacting physicians to determine the circumstances of death, since several patients expired after they were discharged from the hospital. We anticipate that this study will take approximately four months to complete. Thus, we are unable to provide a definitive response prior to the deadline for submission. In the future it would be helpful if we were given at least 180 days after receipt of our data to provide our public comments.

Sincerely yours,

Jeffrey S. Miller
President

JSM/pwp

HIGHLANDS-CASHIERS HOSPITAL INC

5th St Drawer 190
Highlands, NC 28741

Medicare Provider Number: 340146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	116	11.2	12.0	4.9	15.5	17.6	5.4	18.1	21.8	5.8
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	20.1	*	0.0	23.5	*	0.0	26.9	*
Congestive Heart Failure	9	11.1	14.6	*	11.1	22.5	*	22.2	29.3	*
Pneumonia/Influenza	7	0.0	11.9	*	28.6	16.7	*	28.6	20.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	3.1	*	100.0	6.0	*	100.0	8.8	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.1	*	0.0	6.5	*
Stroke	7	14.3	23.4	*	14.3	29.6	*	14.3	34.2	*
Hip Fracture	0									
Sepsis	2	0.0	30.6	*	0.0	41.2	*	0.0	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	27
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HIGHLANDS-CASHIERS HOSPITAL INC

Medicare Provider Number: 340146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	115	6.1	12.4	4.2	10.4	17.3	4.8	14.8	21.2	4.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	22.5	*	20.0	25.1	*	40.0	28.0	*
Congestive Heart Failure	14	7.1	14.4	*	7.1	21.5	*	14.3	27.6	*
Pneumonia/Influenza	11	18.2	23.4	*	27.3	30.9	*	27.3	36.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.6	*	0.0	7.2	*	0.0	10.4	*
Transient Cerebral Ischemia	2	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Stroke	6	0.0	24.6	*	0.0	30.9	*	50.0	35.4	*
Hip Fracture	1	0.0	7.8	*	0.0	14.3	*	0.0	18.4	*
Sepsis	1	0.0	36.6	*	100.0	51.0	*	100.0	60.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	103	11.7	11.5	5.1	17.5	16.8	4.5	22.3	21.2	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	31.4	*	14.3	35.8	*	14.3	39.4	*
Congestive Heart Failure	5	40.0	14.5	*	60.0	20.9	*	60.0	26.8	*
Pneumonia/Influenza	6	0.0	20.5	*	0.0	28.1	*	0.0	33.9	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.1	*	0.0	9.5	*	0.0	13.5	*
Transient Cerebral Ischemia	0									
Stroke	6	16.7	22.0	*	50.0	28.7	*	50.0	33.5	*
Hip Fracture	0									
Sepsis	3	33.3	25.8	*	33.3	39.5	*	33.3	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HIGHSMITH RAINEY MEMORIAL HOSPITAL

150 Robeson Street
Fayetteville, NC 28301

Medicare Provider Number: 340164

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,652	10.2	8.7	1.0	14.9	13.1	1.1	18.8	16.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	51	19.6	24.5	9.9	23.5	27.5	10.3	25.5	30.8	9.2
Congestive Heart Failure	91	17.6	13.2	5.7	23.1	20.1	7.7	30.8	26.1	8.4
Pneumonia/Influenza	86	22.1	16.0	5.3	29.1	21.8	6.2	36.0	26.4	7.9
Chronic Obstructive Pulmonary Disease	14	7.1	10.8	*	14.3	15.5	*	14.3	19.7	*
Transient Cerebral Ischemia	29	0.0	2.1	*	0.0	4.4	*	3.4	6.9	*
Stroke	78	21.8	17.7	6.1	28.2	24.8	8.4	32.1	29.2	7.2
Hip Fracture	34	11.8	8.5	*	14.7	14.0	*	17.6	17.4	*
Sepsis	22	36.4	25.8	*	40.9	32.1	*	40.9	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.1	*	0.0	4.4	*	0.0	7.0	*
Carotid Endarterectomy	3	0.0	1.6	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	31	6.5	3.5	*	6.5	6.0	*	6.5	7.4	*
Open Reduction of Hip Fracture	17	5.9	7.1	*	5.9	12.6	*	11.8	16.0	*
Prostatectomy	68	0.0	0.6	1.1	0.0	1.5	2.0	1.5	2.6	2.1
Cholecystectomy	44	4.5	2.2	*	6.8	4.1	*	6.8	5.5	*
Hysterectomy	5	0.0	1.3	*	20.0	2.3	*	20.0	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	150
Occupancy Rate	81
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	112
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	165
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HIGHSMITH RAINEY MEMORIAL HOSPITAL

Medicare Provider Number: 340164

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,662	12.0	9.3	1.0	16.9	13.7	1.1	20.3	17.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	55	32.7	29.2	6.6	38.2	32.2	7.1	45.5	35.7	9.7
Congestive Heart Failure	94	19.1	16.0	4.3	30.9	24.2	6.7	40.4	30.8	8.0
Pneumonia/Influenza	78	21.8	15.1	6.0	32.1	20.6	6.5	42.3	24.9	7.6
Chronic Obstructive Pulmonary Disease	5	0.0	10.4	*	20.0	16.3	*	20.0	20.8	*
Transient Cerebral Ischemia	21	4.8	2.0	*	4.8	4.2	*	9.5	6.6	*
Stroke	94	27.7	20.2	7.3	31.9	26.7	6.6	36.2	31.0	6.4
Hip Fracture	37	10.8	8.6	*	16.2	14.9	*	16.2	18.7	*
Sepsis	25	40.0	29.3	*	48.0	38.1	*	48.0	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	3.8	*	28.6	7.0	*	28.6	9.7	*
Carotid Endarterectomy	7	0.0	1.6	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	19	10.5	4.2	*	10.5	7.4	*	10.5	9.1	*
Open Reduction of Hip Fracture	24	8.3	7.5	*	16.7	14.2	*	16.7	18.4	*
Prostatectomy	68	0.0	0.8	1.4	1.5	1.8	1.7	1.5	3.0	2.5
Cholecystectomy	50	4.0	3.1	*	6.0	5.8	*	6.0	7.8	*
Hysterectomy	10	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,560	10.2	9.2	0.9	14.9	13.4	1.0	18.4	16.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	55	30.9	28.9	6.3	30.9	32.4	6.5	32.7	36.0	6.6
Congestive Heart Failure	94	17.0	15.5	4.9	27.7	23.1	7.9	34.0	29.6	7.2
Pneumonia/Influenza	42	11.9	14.9	*	26.2	20.2	*	28.6	24.6	*
Chronic Obstructive Pulmonary Disease	13	30.8	14.1	*	38.5	22.8	*	38.5	28.9	*
Transient Cerebral Ischemia	27	0.0	2.2	*	3.7	4.6	*	14.8	7.3	*
Stroke	73	19.2	23.4	6.0	30.1	30.2	5.6	34.2	34.8	6.0
Hip Fracture	46	8.7	7.5	*	13.0	12.9	*	17.4	16.5	*
Sepsis	30	43.3	33.0	*	53.3	40.2	*	60.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	4.2	*	0.0	6.9	*	0.0	9.1	*
Carotid Endarterectomy	4	0.0	1.5	*	25.0	3.0	*	25.0	4.4	*
Hip Replacement/Reconstruction	21	4.8	6.0	*	9.5	10.6	*	9.5	13.7	*
Open Reduction of Hip Fracture	19	15.8	7.2	*	15.8	13.2	*	21.1	17.0	*
Prostatectomy	55	1.8	0.8	1.4	1.8	1.9	2.5	3.6	3.2	3.6
Cholecystectomy	35	14.3	4.0	*	14.3	7.0	*	20.0	8.7	*
Hysterectomy	17	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOOTS MEMORIAL HOSPITAL

625 W Main St Box 68
Yadkinville, NC 27055

Medicare Provider Number: 340006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	377	11.9	9.5	2.8	16.4	14.2	3.5	20.2	18.0	3.5
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	25.9	*	26.7	29.7	*	26.7	33.9	*
Congestive Heart Failure	26	11.5	15.3	*	26.9	23.8	*	30.8	30.7	*
Pneumonia/Influenza	14	14.3	13.8	*	21.4	19.4	*	28.6	23.8	*
Chronic Obstructive Pulmonary Disease	19	10.5	3.6	*	21.1	6.8	*	26.3	9.8	*
Transient Cerebral Ischemia	8	12.5	1.2	*	12.5	2.6	*	12.5	4.3	*
Stroke	12	25.0	20.3	*	25.0	26.5	*	25.0	31.3	*
Hip Fracture	10	10.0	5.1	*	10.0	9.6	*	20.0	12.8	*
Sepsis	24	33.3	24.7	*	33.3	31.8	*	50.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.8	*	0.0	7.5	*	14.3	10.5	*
Open Reduction of Hip Fracture	4	25.0	5.5	*	25.0	10.2	*	25.0	13.5	*
Prostatectomy	9	11.1	3.5	*	11.1	8.8	*	22.2	14.4	*
Cholecystectomy	5	0.0	1.5	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	5	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	34
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	7
Registered Nurses	27
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOOTS MEMORIAL HOSPITAL
Medicare Provider Number: 340006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	386	10.6	11.7	2.1	18.1	16.9	2.2	21.2	20.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	30.9	*	25.0	34.3	*	25.0	37.5	*
Congestive Heart Failure	15	20.0	14.8	*	40.0	22.1	*	40.0	28.3	*
Pneumonia/Influenza	29	31.0	17.0	*	37.9	22.5	*	41.4	26.9	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.0	*	11.1	9.9	*	11.1	14.1	*
Transient Cerebral Ischemia	7	0.0	1.7	*	0.0	3.9	*	0.0	6.1	*
Stroke	19	15.8	23.1	*	31.6	29.6	*	36.8	34.6	*
Hip Fracture	10	0.0	6.7	*	10.0	12.1	*	20.0	15.6	*
Sepsis	6	0.0	31.8	*	0.0	40.4	*	50.0	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	6.8	*	0.0	13.7	*	33.3	18.5	*
Open Reduction of Hip Fracture	5	0.0	6.7	*	20.0	12.1	*	20.0	15.4	*
Prostatectomy	9	0.0	1.9	*	0.0	4.7	*	11.1	7.7	*
Cholecystectomy	9	11.1	1.6	*	22.2	2.8	*	22.2	3.5	*
Hysterectomy	3	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	343	12.8	10.8	2.7	18.7	15.7	3.7	22.2	19.5	3.9
CONDITIONS:										
Acute Myocardial Infarction	19	47.4	27.0	*	57.9	30.7	*	57.9	34.6	*
Congestive Heart Failure	11	18.2	14.5	*	18.2	21.6	*	36.4	27.8	*
Pneumonia/Influenza	31	22.6	19.1	*	35.5	26.1	*	41.9	31.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.7	*	0.0	13.3	*	0.0	18.0	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.1	*	20.0	6.4	*
Stroke	13	23.1	22.4	*	30.8	28.8	*	30.8	33.8	*
Hip Fracture	12	16.7	6.0	*	25.0	10.4	*	25.0	13.4	*
Sepsis	6	16.7	32.2	*	33.3	38.6	*	33.3	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.1	*	0.0	7.7	*	0.0	10.5	*
Open Reduction of Hip Fracture	8	25.0	5.8	*	37.5	10.5	*	37.5	13.7	*
Prostatectomy	2	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Cholecystectomy	9	11.1	3.2	*	11.1	5.7	*	22.2	7.5	*
Hysterectomy	3	0.0	1.4	*	0.0	2.8	*	0.0	3.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HUGH CHATHAM MEMORIAL HOSPITAL

Parkwood Dr
Elkin, NC 28621

Medicare Provider Number: 340097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	805	8.4	9.2	1.4	11.1	13.6	1.6	13.9	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	26	11.5	23.7	*	11.5	26.3	*	11.5	29.5	*
Congestive Heart Failure	47	19.1	18.0	*	25.5	26.3	*	38.3	33.7	*
Pneumonia/Influenza	50	10.0	14.1	*	10.0	19.3	*	20.0	23.5	*
Chronic Obstructive Pulmonary Disease	14	0.0	5.2	*	7.1	9.3	*	7.1	13.1	*
Transient Cerebral Ischemia	7	0.0	3.0	*	0.0	6.8	*	0.0	11.0	*
Stroke	33	18.2	23.2	*	21.2	29.7	*	21.2	34.3	*
Hip Fracture	19	15.8	6.3	*	15.8	11.3	*	15.8	14.7	*
Sepsis	1	100.0	51.1	*	100.0	73.0	*	100.0	86.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	4.2	*	11.1	7.5	*	11.1	9.8	*
Open Reduction of Hip Fracture	4	25.0	5.7	*	25.0	10.3	*	25.0	13.4	*
Prostatectomy	11	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Cholecystectomy	17	5.9	2.0	*	5.9	3.5	*	5.9	4.5	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	137
Occupancy Rate	86
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	61
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUGH CHATHAM MEMORIAL HOSPITAL

Medicare Provider Number: 340097

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	748	9.8	9.0	1.3	13.0	13.7	1.4	16.0	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	27.5	*	31.3	30.7	*	31.3	34.3	*
Congestive Heart Failure	40	22.5	17.6	*	37.5	25.9	*	40.0	33.1	*
Pneumonia/Influenza	48	14.6	15.3	*	16.7	20.6	*	16.7	25.0	*
Chronic Obstructive Pulmonary Disease	14	7.1	4.9	*	7.1	8.7	*	14.3	12.0	*
Transient Cerebral Ischemia	8	0.0	2.5	*	12.5	5.6	*	12.5	8.9	*
Stroke	31	22.6	21.6	*	29.0	28.2	*	38.7	32.9	*
Hip Fracture	27	14.8	6.8	*	14.8	12.3	*	18.5	15.9	*
Sepsis	3	33.3	32.0	*	33.3	36.1	*	33.3	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	5.5	*	10.0	9.9	*	10.0	12.7	*
Open Reduction of Hip Fracture	1	0.0	3.7	*	0.0	7.2	*	100.0	9.7	*
Prostatectomy	16	0.0	1.1	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy	7	0.0	2.8	*	0.0	5.4	*	0.0	7.1	*
Hysterectomy	10	0.0	0.3	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	686	10.5	9.2	1.6	13.6	13.5	1.5	16.9	17.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	32.0	*	41.7	34.6	*	41.7	37.8	*
Congestive Heart Failure	46	13.0	17.7	*	19.6	25.4	*	23.9	32.5	*
Pneumonia/Influenza	33	15.2	17.5	*	24.2	23.6	*	24.2	28.7	*
Chronic Obstructive Pulmonary Disease	22	13.6	6.0	*	18.2	11.3	*	27.3	16.0	*
Transient Cerebral Ischemia	10	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	35	22.9	19.6	*	28.6	25.9	*	28.6	30.3	*
Hip Fracture	6	0.0	8.3	*	0.0	13.9	*	0.0	17.2	*
Sepsis	5	40.0	36.8	*	40.0	43.9	*	60.0	50.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	7.2	*	0.0	13.4	*	0.0	17.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	13	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy	11	0.0	5.4	*	0.0	7.4	*	0.0	8.6	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

IREDELL MEMORIAL HOSPITAL INC

Brooksdale at Hartness Rd
Statesville, NC 28677

Medicare Provider Number: 340039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,795	7.4	7.9	0.7	12.4	12.1	0.8	15.3	15.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	69	18.8	24.5	6.2	26.1	28.0	5.7	30.4	31.6	6.0
Congestive Heart Failure	78	9.0	13.7	7.7	19.2	21.2	7.9	24.4	27.7	6.6
Pneumonia/Influenza	85	12.9	14.8	4.4	20.0	20.1	4.8	20.0	24.2	5.9
Chronic Obstructive Pulmonary Disease	14	7.1	6.8	*	7.1	13.1	*	14.3	18.6	*
Transient Cerebral Ischemia	25	0.0	2.0	*	0.0	4.3	*	8.0	6.9	*
Stroke	74	18.9	18.5	4.5	25.7	24.3	6.2	27.0	28.5	8.0
Hip Fracture	46	2.2	5.9	*	4.3	10.7	*	6.5	13.9	*
Sepsis	24	25.0	24.9	*	33.3	33.1	*	37.5	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	3.1	*	7.1	6.2	*	7.1	9.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	38	5.3	2.9	*	5.3	5.6	*	5.3	7.8	*
Open Reduction of Hip Fracture	19	0.0	6.1	*	5.3	11.5	*	10.5	15.3	*
Prostatectomy	95	3.2	1.5	2.0	5.3	3.5	2.5	8.4	5.8	4.0
Cholecystectomy	49	0.0	2.4	*	4.1	4.1	*	4.1	5.3	*
Hysterectomy	14	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	201
Occupancy Rate	79
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	69
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	319
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

IREDELL MEMORIAL HOSPITAL INC

Medicare Provider Number: 340039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,715	8.2	8.1	0.7	12.7	12.5	0.8	16.3	16.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	47	29.8	30.1	*	38.3	33.7	*	44.7	37.5	*
Congestive Heart Failure	64	10.9	13.2	5.8	20.3	20.5	5.4	29.7	26.8	6.3
Pneumonia/Influenza	65	16.9	17.9	6.3	30.8	24.1	8.3	33.8	28.7	8.4
Chronic Obstructive Pulmonary Disease	20	5.0	8.8	*	10.0	14.9	*	25.0	20.5	*
Transient Cerebral Ischemia	33	3.0	2.2	*	3.0	5.0	*	9.1	7.9	*
Stroke	63	17.5	20.0	5.8	23.8	26.5	7.9	25.4	31.0	9.2
Hip Fracture	51	3.9	5.7	3.7	9.8	10.5	4.4	13.7	13.5	4.8
Sepsis	23	17.4	24.6	*	30.4	34.6	*	30.4	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	4.2	*	20.0	7.3	*	20.0	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	38	5.3	3.7	*	13.2	7.2	*	18.4	9.6	*
Open Reduction of Hip Fracture	19	0.0	5.2	*	5.3	9.8	*	5.3	13.0	*
Prostatectomy	73	0.0	1.8	2.4	5.5	4.4	2.6	6.8	7.1	3.3
Cholecystectomy	33	0.0	3.1	*	0.0	5.2	*	0.0	6.6	*
Hysterectomy	12	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,551	8.4	7.9	0.8	12.1	12.0	0.9	15.3	15.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	66	30.3	29.5	8.0	36.4	33.0	9.0	39.4	36.7	7.1
Congestive Heart Failure	73	13.7	15.2	5.0	23.3	23.5	5.1	30.1	30.4	5.6
Pneumonia/Influenza	56	10.7	14.7	7.0	12.5	19.8	8.9	14.3	24.0	10.5
Chronic Obstructive Pulmonary Disease	12	0.0	4.0	*	0.0	7.2	*	0.0	10.1	*
Transient Cerebral Ischemia	28	10.7	2.0	*	10.7	4.3	*	10.7	6.9	*
Stroke	59	20.3	21.9	5.5	30.5	28.4	6.3	35.6	33.0	7.9
Hip Fracture	53	9.4	5.9	5.6	15.1	10.5	7.9	20.8	13.7	11.2
Sepsis	17	23.5	24.5	*	29.4	32.6	*	29.4	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	5.0	*	20.0	9.4	*	30.0	13.3	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	43	2.3	3.4	*	7.0	6.4	*	9.3	8.8	*
Open Reduction of Hip Fracture	16	18.8	6.4	*	25.0	11.9	*	31.3	15.6	*
Prostatectomy	51	3.9	1.5	2.4	7.8	3.5	4.1	9.8	5.6	5.4
Cholecystectomy	36	2.8	2.1	*	2.8	3.7	*	2.8	4.7	*
Hysterectomy	10	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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IREDELL MEMORIAL HOSPITAL

P. O. BOX 1400 / STATESVILLE, NORTH CAROLINA 28677-1400 / TELEPHONE (704) 873-5661

January 3, 1991

Gail R. Wilensky, Ph.D.
Administrator
Health Care Financing Administration
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Wilensky:

Enclosed please find our comments concerning the HCFA generated mortality data for Medicare patients discharged from Iredell Memorial Hospital in fiscal years 1989, 1988 and 1987.

We appreciate the opportunity to review the data in advance of its release to the media and we continue to look forward to your agency developing ways in which patient data can be better used to measure quality health care.

Sincerely,

S. Arnold Nunnery
President

/nm

encl.

COMMENTS

Health Care Financing Administration - 1990
Medicare Mortality Release of Data

In the review of Fiscal '89, '88 and '87 mortality data from Medicare, we have found that Iredell Memorial's actual mortality rate for each of the eighteen medical/surgical categories lies within the predicted mortality range. We do not see any indication from the HCFA report that warrants further evaluation. A cursory review by Medical Records chart room staff indicated all data checked to be accurate.

The HCFA mortality data we received here covers 5,061 discharges for the three fiscal years analyzed. Fiscal '88 and '87 data were re-analyzed by HCFA due to the new ways they analyze and display the information - showing mortality data post admission for three time periods - 30, 90 and 180 days.

Rather than displaying the hospital's actual mortality rate against a range of predicted mortality as has been done in recent years, the hospital display contains an observed rate, a point estimate of the expected rate (a national average rate for a similar patient population), and a standard deviation.

Thus, point-to-point comparisons will be made rather than point-to-range comparisons in the release to the public which will probably not take time to construct confidence intervals as hospitals were told to do.

The data, as presented over three time periods leads one to assume the cause of death was due to the medical or surgical diagnosis identified by the government data although it may be due to other factors not considered by the study.

The mortality data alone is not a sound basis on which HCFA should lead the media and the public to feel they are better equipped with information to discern between "good" and "bad" providers of acute care services. Infection control data, unexpected returns to surgery, medication error rates, and other readily quantifiable elements of patient care in the acute care setting should be gathered by HCFA and well understood before any attempt is made to disseminate this information to the media and public.

1/3/91

J ARTHUR DOSHER MEMORIAL HOSPITAL

924 Howe St
Southport, NC 28461

Medicare Provider Number: 340121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	292	9.6	9.1	2.4	12.0	13.9	3.0	15.4	17.9	3.8
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	26.4	*	42.9	30.8	*	42.9	34.9	*
Congestive Heart Failure	16	12.5	16.5	*	18.8	26.0	*	31.3	33.6	*
Pneumonia/Influenza	19	21.1	17.0	*	26.3	22.7	*	31.6	27.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.7	*	0.0	16.3	*	0.0	20.8	*
Transient Cerebral Ischemia	8	0.0	2.2	*	12.5	5.0	*	12.5	7.8	*
Stroke	12	16.7	19.7	*	16.7	25.5	*	16.7	30.1	*
Hip Fracture	7	0.0	5.6	*	0.0	10.2	*	0.0	13.3	*
Sepsis	2	0.0	21.5	*	0.0	30.4	*	0.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.0	*	0.0	8.0	*	0.0	10.9	*
Open Reduction of Hip Fracture	2	0.0	6.6	*	0.0	11.7	*	0.0	14.9	*
Prostatectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	5	20.0	0.9	*	20.0	1.7	*	20.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	40
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

J ARTHUR DOSHER MEMORIAL HOSPITAL

Medicare Provider Number: 340121

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	303	11.6	9.5	2.5	15.5	14.2	2.5	19.1	17.8	2.8
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	27.8	*	57.1	31.1	*	57.1	35.1	*
Congestive Heart Failure	11	27.3	14.8	*	27.3	20.9	*	36.4	26.7	*
Pneumonia/Influenza	29	10.3	17.7	*	17.2	23.4	*	24.1	27.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	3.1	*	100.0	5.6	*	100.0	7.7	*
Transient Cerebral Ischemia	7	14.3	4.4	*	14.3	9.7	*	14.3	14.0	*
Stroke	10	30.0	20.9	*	30.0	27.1	*	40.0	31.9	*
Hip Fracture	8	0.0	5.4	*	0.0	9.8	*	0.0	12.7	*
Sepsis	1	0.0	37.8	*	0.0	47.4	*	100.0	52.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.1	*	0.0	5.9	*	0.0	7.7	*
Open Reduction of Hip Fracture	5	0.0	5.0	*	0.0	9.5	*	0.0	12.6	*
Prostatectomy	10	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	6	0.0	3.9	*	0.0	7.6	*	16.7	10.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	291	9.6	7.7	1.8	14.1	11.9	2.4	17.5	15.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	28.6	*	16.7	31.3	*	16.7	34.4	*
Congestive Heart Failure	12	16.7	14.4	*	33.3	22.5	*	33.3	29.5	*
Pneumonia/Influenza	28	10.7	15.9	*	21.4	21.5	*	25.0	26.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.7	*	0.0	5.6	*	0.0	8.3	*
Transient Cerebral Ischemia	6	0.0	3.0	*	0.0	6.6	*	16.7	10.7	*
Stroke	9	33.3	15.6	*	44.4	20.5	*	44.4	24.7	*
Hip Fracture	7	14.3	6.2	*	14.3	11.9	*	28.6	15.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.6	*	0.0	11.6	*	50.0	16.3	*
Open Reduction of Hip Fracture	3	0.0	5.1	*	0.0	9.5	*	0.0	12.2	*
Prostatectomy	9	0.0	1.2	*	0.0	2.7	*	0.0	4.6	*
Cholecystectomy	2	0.0	4.4	*	0.0	8.0	*	0.0	10.0	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JOHN UMSTEAD HOSPITAL

12th Street
Butner, NC 27509

Medicare Provider Number: 340136

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	12.2	14.2	*	14.6	19.8	*	19.5	24.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	50.0	8.9	*	50.0	13.7	*	100.0	18.2	*
Pneumonia/Influenza	5	40.0	15.7	*	40.0	21.0	*	40.0	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.2	*	0.0	12.6	*	0.0	17.4	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	20.0	*	0.0	25.0	*	0.0	29.2	*
Hip Fracture	0									
Sepsis	1	0.0	25.3	*	100.0	39.5	*	100.0	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	730
Occupancy Rate	80
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	31
Percent of Physicians Board Certified Specialists	35
Medical Residents/Interns	0
Registered Nurses	126
Licensed Practical Nurses	60

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHN UMSTEAD HOSPITAL

Medicare Provider Number: 340136

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	21	19.0	14.8	*	19.0	21.6	*	33.3	26.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	42.0	*	100.0	60.1	*	100.0	70.3	*
Pneumonia/Influenza	3	33.3	15.1	*	33.3	21.1	*	66.7	25.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	49	10.2	9.3	*	14.3	15.3	*	22.4	20.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	7	28.6	12.4	*	28.6	17.0	*	28.6	20.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JOHNSTON MEMORIAL HOSPITAL

Highway 301 N
Smithfield, NC 27577

Medicare Provider Number: 340090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,136	10.3	8.7	1.0	13.3	12.9	1.1	17.4	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	26.6	*	31.0	30.1	*	35.7	33.6	*
Congestive Heart Failure	43	16.3	15.0	*	18.6	22.4	*	25.6	28.5	*
Pneumonia/Influenza	59	16.9	15.6	4.8	23.7	20.9	5.5	32.2	25.2	7.1
Chronic Obstructive Pulmonary Disease	22	9.1	6.9	*	13.6	10.8	*	22.7	14.2	*
Transient Cerebral Ischemia	21	4.8	2.5	*	9.5	5.5	*	9.5	8.9	*
Stroke	50	34.0	21.8	*	34.0	28.0	*	36.0	32.3	*
Hip Fracture	36	2.8	7.4	*	11.1	12.6	*	13.9	16.0	*
Sepsis	13	23.1	23.4	*	30.8	28.7	*	38.5	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	1.5	*	0.0	2.7	*	0.0	3.7	*
Open Reduction of Hip Fracture	33	3.0	6.5	*	12.1	11.6	*	15.2	14.9	*
Prostatectomy	31	0.0	1.2	*	3.2	2.8	*	3.2	4.6	*
Cholecystectomy	23	4.3	2.3	*	4.3	4.2	*	4.3	5.7	*
Hysterectomy	6	16.7	1.0	*	16.7	2.4	*	16.7	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	114
Occupancy Rate	72
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	51
Medical Residents/Interns	0
Registered Nurses	90
Licensed Practical Nurses	45

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHNSTON MEMORIAL HOSPITAL

Medicare Provider Number: 340090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,067	10.3	8.8	1.3	14.7	12.9	1.4	17.9	16.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	46	30.4	29.3	*	32.6	32.3	*	32.6	35.7	*
Congestive Heart Failure	74	20.3	16.1	5.1	28.4	24.3	5.9	39.2	31.1	7.9
Pneumonia/Influenza	57	31.6	18.7	7.9	42.1	25.2	9.7	45.6	30.3	10.2
Chronic Obstructive Pulmonary Disease	20	10.0	8.3	*	15.0	14.8	*	15.0	20.1	*
Transient Cerebral Ischemia	19	0.0	2.4	*	10.5	5.2	*	10.5	8.3	*
Stroke	36	30.6	18.7	*	33.3	25.1	*	36.1	29.7	*
Hip Fracture	30	0.0	9.0	*	6.7	15.3	*	10.0	18.9	*
Sepsis	4	0.0	26.6	*	0.0	35.7	*	25.0	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.0	*	14.3	5.7	*	14.3	7.7	*
Open Reduction of Hip Fracture	25	0.0	8.1	*	4.0	14.4	*	8.0	18.1	*
Prostatectomy	54	0.0	1.4	2.6	1.9	3.3	2.7	3.7	5.2	3.3
Cholecystectomy	25	0.0	1.9	*	0.0	3.1	*	0.0	4.1	*
Hysterectomy	7	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,058	8.8	8.1	0.9	12.5	12.1	1.0	16.8	15.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	45	17.8	32.4	*	26.7	35.6	*	33.3	39.1	*
Congestive Heart Failure	46	17.4	13.4	*	21.7	20.6	*	30.4	26.9	*
Pneumonia/Influenza	45	28.9	17.2	*	33.3	22.5	*	33.3	26.9	*
Chronic Obstructive Pulmonary Disease	24	8.3	11.2	*	8.3	18.7	*	12.5	24.4	*
Transient Cerebral Ischemia	21	9.5	2.8	*	9.5	6.3	*	14.3	9.9	*
Stroke	49	30.6	21.2	*	36.7	28.5	*	40.8	33.3	*
Hip Fracture	33	9.1	7.1	*	12.1	12.3	*	15.2	15.6	*
Sepsis	7	28.6	23.9	*	42.9	32.7	*	42.9	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	1.9	*	16.7	4.4	*	16.7	6.9	*
Open Reduction of Hip Fracture	25	8.0	5.7	*	12.0	10.3	*	16.0	13.2	*
Prostatectomy	35	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	26	3.8	2.1	*	3.8	3.5	*	3.8	4.6	*
Hysterectomy	10	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KINGS MOUNTAIN HOSPITAL INC

706 W King St
Kings Mountain, NC 28086

Medicare Provider Number: 340037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	553	12.1	10.4	1.7	17.2	14.9	1.9	19.7	18.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	39	41.0	27.0	*	43.6	30.1	*	48.7	33.5	*
Congestive Heart Failure	47	12.8	13.2	*	27.7	20.5	*	34.0	26.8	*
Pneumonia/Influenza	29	17.2	14.4	*	17.2	19.2	*	24.1	23.3	*
Chronic Obstructive Pulmonary Disease	12	16.7	9.2	*	16.7	15.7	*	16.7	21.1	*
Transient Cerebral Ischemia	10	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	36	27.8	22.5	*	36.1	28.8	*	36.1	33.5	*
Hip Fracture	2	0.0	5.7	*	50.0	10.8	*	50.0	14.4	*
Sepsis	4	0.0	15.1	*	0.0	19.3	*	0.0	23.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	12	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Cholecystectomy	22	0.0	4.1	*	4.5	8.0	*	4.5	10.7	*
Hysterectomy	2	0.0	0.4	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	102
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KINGS MOUNTAIN HOSPITAL INC

Medicare Provider Number: 340037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	551	15.2	12.3	2.3	21.8	17.5	2.4	24.9	21.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	38	34.2	29.1	*	36.8	32.4	*	39.5	35.9	*
Congestive Heart Failure	37	21.6	16.4	*	40.5	24.5	*	43.2	31.1	*
Pneumonia/Influenza	30	13.3	16.4	*	20.0	22.4	*	26.7	26.9	*
Chronic Obstructive Pulmonary Disease	6	0.0	11.4	*	33.3	16.4	*	50.0	21.0	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	29	27.6	22.5	*	37.9	28.8	*	41.4	33.7	*
Hip Fracture	13	0.0	7.2	*	23.1	13.5	*	23.1	17.4	*
Sepsis	10	60.0	34.3	*	60.0	42.2	*	60.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	15.8	*	20.0	21.4	*	20.0	25.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	6.7	*	25.0	14.4	*	25.0	20.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	12	8.3	2.5	*	8.3	4.1	*	8.3	4.9	*
Hysterectomy	2	0.0	11.4	*	0.0	22.6	*	0.0	32.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	494	15.0	11.4	2.0	20.2	16.2	2.2	23.1	20.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	39	41.0	28.6	*	46.2	31.8	*	48.7	35.3	*
Congestive Heart Failure	28	14.3	13.7	*	32.1	20.8	*	46.4	26.8	*
Pneumonia/Influenza	20	25.0	16.0	*	25.0	21.5	*	25.0	26.3	*
Chronic Obstructive Pulmonary Disease	5	40.0	10.3	*	40.0	16.5	*	40.0	21.2	*
Transient Cerebral Ischemia	3	0.0	2.7	*	0.0	5.8	*	0.0	9.3	*
Stroke	41	24.4	21.5	*	36.6	27.5	*	39.0	32.2	*
Hip Fracture	11	27.3	5.1	*	27.3	9.1	*	27.3	11.7	*
Sepsis	5	0.0	23.1	*	0.0	30.3	*	0.0	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	30.0	5.6	*	40.0	8.3	*	40.0	10.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	4.4	*	28.6	7.9	*	28.6	10.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.0	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	14	7.1	1.9	*	14.3	3.0	*	14.3	3.7	*
Hysterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

L RICHARDSON MEMORIAL HOSPITAL

2401 Southside Blvd
Greensboro, NC 27406

Medicare Provider Number: 340100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	299	14.0	9.7	2.8	20.7	14.9	2.7	23.7	19.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	29.6	*	0.0	32.1	*	0.0	34.9	*
Congestive Heart Failure	29	24.1	13.8	*	31.0	21.4	*	31.0	27.9	*
Pneumonia/Influenza	6	0.0	14.2	*	16.7	19.1	*	16.7	23.3	*
Chronic Obstructive Pulmonary Disease	2	50.0	10.5	*	50.0	14.6	*	50.0	18.0	*
Transient Cerebral Ischemia	3	33.3	2.0	*	33.3	4.7	*	33.3	7.6	*
Stroke	6	16.7	13.6	*	50.0	19.5	*	50.0	23.5	*
Hip Fracture	4	0.0	10.6	*	0.0	17.7	*	0.0	22.1	*
Sepsis	9	33.3	27.8	*	44.4	36.2	*	66.7	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	3.6	*	100.0	7.3	*	100.0	10.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	8.0	*	0.0	13.5	*	0.0	16.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Cholecystectomy	6	0.0	7.5	*	16.7	13.7	*	16.7	17.2	*
Hysterectomy	1	0.0	0.0	*	0.0	0.0	*	0.0	0.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	134
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	50
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

L RICHARDSON MEMORIAL HOSPITAL

Medicare Provider Number: 340100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	281	13.9	12.9	2.4	23.8	18.9	3.1	27.4	23.3	3.0
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	27.4	*	60.0	30.9	*	60.0	34.5	*
Congestive Heart Failure	25	20.0	17.0	*	36.0	25.6	*	44.0	32.5	*
Pneumonia/Influenza	13	30.8	14.3	*	38.5	19.1	*	38.5	22.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.2	*	0.0	6.1	*	0.0	8.6	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	5.0	*	0.0	8.1	*
Stroke	16	18.8	23.9	*	37.5	31.4	*	43.8	36.2	*
Hip Fracture	6	0.0	6.3	*	0.0	11.1	*	0.0	14.1	*
Sepsis	10	60.0	38.9	*	60.0	46.4	*	70.0	52.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	15.4	*	100.0	30.4	*	100.0	40.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.8	*	0.0	6.4	*	0.0	7.9	*
Open Reduction of Hip Fracture	2	0.0	3.0	*	0.0	5.7	*	0.0	7.7	*
Prostatectomy	5	0.0	2.0	*	0.0	5.4	*	0.0	9.5	*
Cholecystectomy	2	0.0	1.8	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	269	10.0	10.6	2.8	19.3	16.0	2.8	24.2	20.1	3.0
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	27.1	*	50.0	30.6	*	50.0	34.5	*
Congestive Heart Failure	19	21.1	15.2	*	21.1	22.6	*	26.3	29.2	*
Pneumonia/Influenza	9	0.0	16.3	*	11.1	21.5	*	11.1	26.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	5.8	*	0.0	10.7	*	0.0	14.9	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke	14	0.0	17.3	*	21.4	24.1	*	35.7	28.3	*
Hip Fracture	4	0.0	3.9	*	50.0	7.3	*	50.0	9.9	*
Sepsis	6	50.0	23.9	*	66.7	33.1	*	66.7	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	9.2	*	0.0	18.6	*	0.0	26.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*
Open Reduction of Hip Fracture	2	0.0	3.1	*	50.0	6.2	*	50.0	8.4	*
Prostatectomy	6	0.0	2.1	*	16.7	5.2	*	16.7	8.5	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.7	*	0.0	1.3	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LAKE NORMAN REGIONAL MEDICAL CENTER

610 E Center Av
Mooresville, NC 28115

Medicare Provider Number: 340129

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	837	8.4	9.6	1.3	12.5	14.0	1.7	16.1	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	36	38.9	32.2	*	44.4	35.8	*	50.0	39.7	*
Congestive Heart Failure	36	2.8	14.4	*	13.9	20.8	*	25.0	26.5	*
Pneumonia/Influenza	46	19.6	18.1	*	21.7	24.4	*	26.1	29.2	*
Chronic Obstructive Pulmonary Disease	17	0.0	6.9	*	0.0	12.4	*	11.8	17.4	*
Transient Cerebral Ischemia	15	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke	35	14.3	25.0	*	17.1	31.8	*	20.0	36.5	*
Hip Fracture	31	12.9	8.1	*	16.1	14.3	*	19.4	18.2	*
Sepsis	6	0.0	32.1	*	16.7	38.8	*	16.7	43.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	6.3	*	0.0	9.8	*	0.0	12.3	*
Carotid Endarterectomy	1	0.0	1.7	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	15	0.0	3.8	*	0.0	7.1	*	0.0	9.6	*
Open Reduction of Hip Fracture	18	16.7	8.9	*	22.2	16.0	*	27.8	20.5	*
Prostatectomy	10	0.0	1.2	*	10.0	2.8	*	10.0	4.6	*
Cholecystectomy	19	10.5	1.8	*	10.5	2.9	*	10.5	3.6	*
Hysterectomy	4	0.0	2.5	*	0.0	4.9	*	0.0	6.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	121
Occupancy Rate	34
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	87
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LAKE NORMAN REGIONAL MEDICAL CENTER

Medicare Provider Number: 340129

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	707	10.2	10.8	1.4	14.0	15.5	1.9	16.5	19.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	39	38.5	34.3	*	41.0	37.9	*	43.6	41.9	*
Congestive Heart Failure	25	16.0	15.1	*	24.0	22.7	*	28.0	29.2	*
Pneumonia/Influenza	34	17.6	17.8	*	20.6	23.8	*	23.5	28.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.7	*	0.0	17.8	*	0.0	24.0	*
Transient Cerebral Ischemia	19	0.0	2.0	*	5.3	4.4	*	5.3	7.0	*
Stroke	39	23.1	21.7	*	28.2	28.0	*	33.3	32.7	*
Hip Fracture	28	3.6	6.5	*	3.6	11.4	*	7.1	14.5	*
Sepsis	8	12.5	25.8	*	37.5	31.7	*	50.0	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	22.2	13.1	*	22.2	16.6	*	22.2	19.7	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	19	0.0	3.4	*	0.0	6.3	*	0.0	8.1	*
Open Reduction of Hip Fracture	8	12.5	7.4	*	12.5	13.1	*	25.0	16.7	*
Prostatectomy	13	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	18	11.1	4.8	*	16.7	7.6	*	16.7	9.4	*
Hysterectomy	4	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	576	8.7	9.8	1.6	12.7	14.0	1.9	15.8	17.5	2.1
CONDITIONS:										
Acute Myocardial Infarction	30	33.3	33.1	*	40.0	36.4	*	53.3	40.3	*
Congestive Heart Failure	24	16.7	16.6	*	16.7	24.9	*	20.8	31.6	*
Pneumonia/Influenza	40	12.5	17.2	*	25.0	22.8	*	32.5	27.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.2	*	16.7	13.5	*	16.7	18.3	*
Transient Cerebral Ischemia	18	0.0	2.2	*	5.6	4.9	*	5.6	7.9	*
Stroke	26	15.4	23.5	*	19.2	29.6	*	23.1	34.3	*
Hip Fracture	20	5.0	7.4	*	5.0	13.8	*	5.0	18.2	*
Sepsis	6	0.0	29.7	*	33.3	36.1	*	33.3	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	5.4	*	0.0	7.8	*
Carotid Endarterectomy	1	0.0	1.9	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	9	11.1	5.4	*	11.1	10.1	*	11.1	13.5	*
Open Reduction of Hip Fracture	11	0.0	7.6	*	0.0	15.1	*	0.0	20.4	*
Prostatectomy	7	0.0	1.7	*	0.0	4.2	*	0.0	7.0	*
Cholecystectomy	14	21.4	5.1	*	21.4	9.1	*	21.4	11.5	*
Hysterectomy	5	0.0	2.2	*	0.0	4.3	*	0.0	6.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LENOIR MEMORIAL HOSPITAL

100 Airport Rd
Kinston, NC 28503

Medicare Provider Number: 340027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,163	8.9	8.5	0.7	13.7	12.6	1.1	16.8	16.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	94	23.4	29.8	5.9	26.6	33.1	5.6	29.8	36.7	5.9
Congestive Heart Failure	98	11.2	13.5	3.8	24.5	20.9	4.9	30.6	27.2	5.8
Pneumonia/Influenza	105	11.4	15.5	6.8	19.0	21.2	6.6	22.9	25.7	5.4
Chronic Obstructive Pulmonary Disease	49	8.2	6.3	*	16.3	11.9	*	22.4	17.2	*
Transient Cerebral Ischemia	40	5.0	1.9	*	10.0	4.4	*	15.0	7.0	*
Stroke	98	19.4	21.2	4.5	25.5	27.0	4.7	28.6	31.3	5.1
Hip Fracture	59	8.5	5.4	5.4	13.6	9.9	5.9	13.6	13.0	6.8
Sepsis	18	27.8	22.2	*	27.8	30.8	*	27.8	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	10.5	5.3	*	15.8	9.0	*	21.1	12.6	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction	38	2.6	2.3	*	2.6	4.3	*	2.6	5.8	*
Open Reduction of Hip Fracture	33	12.1	5.0	*	18.2	9.6	*	18.2	12.7	*
Prostatectomy	66	0.0	1.3	1.8	3.0	3.1	2.8	4.5	5.0	3.3
Cholecystectomy	26	0.0	2.2	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy	18	5.6	0.2	*	5.6	0.4	*	5.6	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	252
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LENOIR MEMORIAL HOSPITAL

Medicare Provider Number: 340027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,141	10.3	9.4	1.1	14.8	13.6	1.1	17.5	17.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	85	23.5	36.8	7.5	24.7	40.3	7.8	29.4	44.5	8.0
Congestive Heart Failure	93	11.8	15.2	4.5	22.6	22.9	4.4	25.8	29.4	6.2
Pneumonia/Influenza	96	18.8	15.2	6.1	22.9	20.3	8.3	26.0	24.3	7.2
Chronic Obstructive Pulmonary Disease	33	6.1	6.5	*	12.1	12.3	*	12.1	17.3	*
Transient Cerebral Ischemia	47	4.3	2.1	*	6.4	4.6	*	6.4	7.2	*
Stroke	91	23.1	21.7	5.5	35.2	27.5	7.1	40.7	32.0	8.8
Hip Fracture	44	4.5	6.5	*	6.8	11.6	*	9.1	14.9	*
Sepsis	26	30.8	22.3	*	34.6	31.2	*	38.5	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	2.3	*	0.0	4.9	*	9.1	7.7	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction	28	7.1	3.4	*	7.1	6.3	*	7.1	8.2	*
Open Reduction of Hip Fracture	25	0.0	6.2	*	4.0	11.6	*	8.0	15.0	*
Prostatectomy	59	1.7	0.9	1.7	3.4	2.2	2.6	3.4	3.6	3.2
Cholecystectomy	26	7.7	2.3	*	7.7	4.2	*	7.7	5.6	*
Hysterectomy	18	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,980	8.8	9.7	1.1	13.9	14.0	1.0	17.3	17.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	97	21.6	34.2	7.7	27.8	37.5	8.3	29.9	41.3	7.2
Congestive Heart Failure	120	9.2	17.0	4.7	19.2	25.3	5.0	20.8	32.2	6.3
Pneumonia/Influenza	67	11.9	17.0	5.2	16.4	22.5	6.3	17.9	26.9	7.7
Chronic Obstructive Pulmonary Disease	30	10.0	9.5	*	16.7	16.3	*	20.0	21.7	*
Transient Cerebral Ischemia	40	0.0	2.3	*	2.5	4.9	*	5.0	7.6	*
Stroke	94	22.3	23.1	4.4	33.0	29.5	5.9	36.2	34.3	5.5
Hip Fracture	40	2.5	6.2	*	12.5	11.0	*	12.5	14.4	*
Sepsis	29	31.0	26.3	*	48.3	33.2	*	58.6	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	31	3.2	5.7	*	3.2	10.5	*	3.2	14.3	*
Carotid Endarterectomy	5	0.0	1.9	*	0.0	4.0	*	0.0	5.9	*
Hip Replacement/Reconstruction	25	0.0	5.1	*	4.0	9.2	*	8.0	12.0	*
Open Reduction of Hip Fracture	19	5.3	5.3	*	15.8	10.2	*	15.8	13.6	*
Prostatectomy	66	0.0	1.1	1.7	0.0	2.8	3.5	4.5	4.6	2.8
Cholecystectomy	20	0.0	1.8	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	15	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LEXINGTON MEMORIAL HOSPITAL INC

Old Salisbury Rd Box 1817
Lexington, NC 27292

Medicare Provider Number: 340096

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	990	7.4	8.0	1.0	10.7	12.1	1.4	13.5	15.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	51	21.6	25.0	8.0	23.5	28.2	9.1	25.5	31.4	9.6
Congestive Heart Failure	65	15.4	14.4	4.4	26.2	22.8	6.8	32.3	29.7	6.1
Pneumonia/Influenza	50	16.0	13.7	*	20.0	19.0	*	20.0	23.1	*
Chronic Obstructive Pulmonary Disease	25	4.0	5.8	*	4.0	10.6	*	12.0	15.2	*
Transient Cerebral Ischemia	23	0.0	1.9	*	0.0	4.3	*	4.3	7.0	*
Stroke	55	12.7	16.7	5.7	18.2	22.8	6.5	25.5	27.1	6.1
Hip Fracture	18	0.0	6.4	*	0.0	11.9	*	5.6	15.8	*
Sepsis	6	16.7	38.3	*	33.3	45.2	*	50.0	51.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.8	*	0.0	13.2	*	0.0	19.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	0.0	3.7	*	0.0	7.3	*	0.0	10.0	*
Open Reduction of Hip Fracture	6	0.0	7.3	*	0.0	13.9	*	16.7	18.3	*
Prostatectomy	28	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	18	5.6	2.4	*	5.6	4.2	*	5.6	5.3	*
Hysterectomy	15	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	94
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	104
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LEXINGTON MEMORIAL HOSPITAL INC

Medicare Provider Number: 340096

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	964	7.0	8.0	0.9	10.5	12.0	1.3	12.9	15.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	40	25.0	25.4	*	27.5	28.8	*	27.5	32.3	*
Congestive Heart Failure	66	9.1	13.6	5.9	16.7	21.0	8.2	19.7	27.1	11.9
Pneumonia/Influenza	34	2.9	13.1	*	5.9	17.6	*	11.8	21.3	*
Chronic Obstructive Pulmonary Disease	15	13.3	5.1	*	20.0	9.8	*	26.7	13.8	*
Transient Cerebral Ischemia	20	0.0	1.8	*	15.0	4.1	*	15.0	6.4	*
Stroke	40	7.5	18.0	*	10.0	24.5	*	17.5	29.1	*
Hip Fracture	33	0.0	5.7	*	0.0	10.2	*	0.0	13.1	*
Sepsis	14	7.1	32.4	*	14.3	39.0	*	21.4	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	20.0	13.2	*	20.0	17.9	*	20.0	21.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	0.0	4.2	*	0.0	8.0	*	0.0	10.6	*
Open Reduction of Hip Fracture	14	0.0	5.9	*	0.0	10.6	*	0.0	13.5	*
Prostatectomy	39	0.0	2.5	*	2.6	4.9	*	5.1	7.4	*
Cholecystectomy	25	0.0	1.4	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	13	0.0	0.9	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	893	8.6	8.4	1.0	12.2	12.6	1.2	15.3	16.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	48	33.3	26.6	*	39.6	30.1	*	39.6	33.5	*
Congestive Heart Failure	45	17.8	15.6	*	28.9	24.9	*	35.6	32.4	*
Pneumonia/Influenza	49	8.2	14.4	*	8.2	19.7	*	14.3	24.2	*
Chronic Obstructive Pulmonary Disease	16	18.8	5.0	*	18.8	10.4	*	18.8	15.4	*
Transient Cerebral Ischemia	20	0.0	2.2	*	0.0	4.9	*	5.0	7.9	*
Stroke	38	13.2	19.0	*	15.8	25.8	*	23.7	30.6	*
Hip Fracture	26	0.0	5.5	*	11.5	10.2	*	15.4	13.6	*
Sepsis	5	0.0	19.5	*	0.0	25.1	*	0.0	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	9.6	*	0.0	15.8	*	0.0	20.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	4.9	*	15.4	10.0	*	15.4	13.7	*
Open Reduction of Hip Fracture	12	0.0	4.3	*	8.3	8.1	*	8.3	10.7	*
Prostatectomy	24	0.0	0.7	*	0.0	1.7	*	0.0	3.0	*
Cholecystectomy	32	3.1	1.9	*	6.3	3.7	*	6.3	5.2	*
Hysterectomy	11	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LINCOLN COUNTY HOSPITAL

321/150 Bypass Box 677
Lincolnton, NC 28092

Medicare Provider Number: 340145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	630	12.5	10.5	2.1	18.1	15.2	2.1	21.1	18.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	35	42.9	31.5	*	42.9	34.0	*	42.9	37.0	*
Congestive Heart Failure	45	11.1	15.4	*	24.4	23.7	*	28.9	30.6	*
Pneumonia/Influenza	29	10.3	14.1	*	17.2	18.9	*	17.2	22.8	*
Chronic Obstructive Pulmonary Disease	12	16.7	8.0	*	16.7	12.7	*	25.0	16.8	*
Transient Cerebral Ischemia	11	9.1	2.1	*	9.1	4.7	*	9.1	7.5	*
Stroke	47	29.8	21.4	*	36.2	28.1	*	42.6	32.6	*
Hip Fracture	2	50.0	5.1	*	50.0	8.1	*	50.0	10.0	*
Sepsis	2	50.0	24.3	*	50.0	30.8	*	50.0	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.2	*	0.0	4.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.7	*	0.0	3.4	*	0.0	4.7	*
Open Reduction of Hip Fracture	1	100.0	7.3	*	100.0	11.8	*	100.0	14.3	*
Prostatectomy	16	0.0	1.4	*	0.0	3.5	*	0.0	5.9	*
Cholecystectomy	21	0.0	2.3	*	0.0	4.1	*	0.0	5.7	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	75
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LINCOLN COUNTY HOSPITAL

Medicare Provider Number: 340145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	601	13.0	10.8	2.1	17.8	15.3	2.0	21.5	18.7	2.2
CONDITIONS:										
Acute Myocardial Infarction	45	28.9	27.9	*	35.6	31.0	*	37.8	34.2	*
Congestive Heart Failure	36	19.4	16.7	*	25.0	24.7	*	30.6	31.3	*
Pneumonia/Influenza	42	31.0	18.7	*	33.3	25.0	*	42.9	29.9	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.8	*	0.0	8.5	*	12.5	11.7	*
Transient Cerebral Ischemia	4	0.0	1.3	*	0.0	2.6	*	0.0	4.0	*
Stroke	36	27.8	19.5	*	30.6	26.0	*	36.1	30.4	*
Hip Fracture	0									
Sepsis	7	28.6	25.3	*	42.9	33.7	*	42.9	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	44.0	*	100.0	51.1	*	100.0	55.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	20	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	22	4.5	3.9	*	4.5	6.3	*	9.1	7.5	*
Hysterectomy	5	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	597	15.6	11.3	1.8	21.8	15.9	2.0	25.1	19.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	47	34.0	29.1	*	34.0	31.9	*	34.0	35.0	*
Congestive Heart Failure	38	21.1	14.4	*	36.8	21.4	*	39.5	27.5	*
Pneumonia/Influenza	26	38.5	19.9	*	42.3	26.9	*	42.3	32.3	*
Chronic Obstructive Pulmonary Disease	6	16.7	11.5	*	33.3	17.1	*	33.3	21.6	*
Transient Cerebral Ischemia	8	0.0	3.2	*	0.0	7.6	*	0.0	12.5	*
Stroke	32	28.1	22.7	*	28.1	29.5	*	34.4	33.9	*
Hip Fracture	0									
Sepsis	4	100.0	39.0	*	100.0	48.2	*	100.0	55.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	18	5.6	1.1	*	5.6	2.5	*	5.6	4.1	*
Cholecystectomy	27	7.4	3.9	*	11.1	7.1	*	14.8	9.2	*
Hysterectomy	7	0.0	8.1	*	0.0	9.3	*	0.0	10.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MARGARET R PARDEE MEMORIAL HOSPITAL

715 Fleming St
Hendersonville, NC 28739

Medicare Provider Number: 340017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,270	7.9	8.7	0.8	12.4	13.1	1.2	15.5	16.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	95	23.2	23.9	4.4	25.3	27.0	5.1	26.3	30.3	6.5
Congestive Heart Failure	100	13.0	14.7	4.4	21.0	22.6	7.1	26.0	29.3	6.2
Pneumonia/Influenza	114	9.6	16.2	5.7	18.4	22.0	5.5	20.2	26.6	5.8
Chronic Obstructive Pulmonary Disease	16	18.8	8.0	*	18.8	13.0	*	18.8	17.6	*
Transient Cerebral Ischemia	31	0.0	2.1	*	6.5	4.8	*	6.5	7.8	*
Stroke	79	24.1	22.4	5.7	32.9	29.2	6.8	39.2	33.8	5.9
Hip Fracture	80	7.5	7.2	2.9	13.7	12.6	4.0	17.5	16.1	4.6
Sepsis	17	23.5	27.0	*	29.4	36.5	*	29.4	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	5.9	*	15.4	10.2	*	15.4	14.3	*
Carotid Endarterectomy	16	0.0	1.6	*	0.0	2.9	*	0.0	4.4	*
Hip Replacement/Reconstruction	57	3.5	4.8	3.2	8.8	8.9	3.8	10.5	11.8	4.7
Open Reduction of Hip Fracture	36	8.3	6.7	*	13.9	12.0	*	13.9	15.3	*
Prostatectomy	105	1.0	0.8	1.5	1.9	2.0	2.5	3.8	3.3	2.4
Cholecystectomy	65	4.6	2.2	2.4	7.7	3.7	3.4	9.2	4.8	4.2
Hysterectomy	31	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	195
Occupancy Rate	74
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	89
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	152
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARGARET R PARDEE MEMORIAL HOSPITAL

Medicare Provider Number: 340017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,177	9.0	8.9	0.6	12.9	13.5	0.8	16.4	17.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	106	34.9	29.0	4.8	34.9	32.4	4.7	36.8	35.8	4.7
Congestive Heart Failure	77	10.4	15.4	5.3	20.8	23.3	5.0	32.5	29.9	5.8
Pneumonia/Influenza	123	10.6	14.6	4.6	18.7	19.6	3.7	21.1	23.6	4.2
Chronic Obstructive Pulmonary Disease	18	44.4	11.3	*	44.4	17.5	*	55.6	22.5	*
Transient Cerebral Ischemia	39	0.0	1.9	*	2.6	4.2	*	5.1	6.7	*
Stroke	80	31.3	22.0	8.3	38.7	28.5	8.9	41.2	33.0	8.5
Hip Fracture	69	2.9	6.7	4.9	7.2	12.6	7.0	10.1	16.5	7.7
Sepsis	16	12.5	19.7	*	12.5	26.3	*	12.5	32.0	*
PROCEDURES:										
Angioplasty	1	0.0	1.6	*	0.0	2.9	*	0.0	4.1	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	31.3	7.0	*	31.3	10.5	*	31.3	13.7	*
Carotid Endarterectomy	15	0.0	1.6	*	0.0	3.0	*	6.7	4.3	*
Hip Replacement/Reconstruction	41	4.9	4.4	*	4.9	8.5	*	4.9	11.4	*
Open Reduction of Hip Fracture	34	0.0	6.5	*	8.8	12.6	*	14.7	16.9	*
Prostatectomy	100	1.0	1.0	1.8	3.0	2.3	2.1	4.0	3.7	2.2
Cholecystectomy	49	6.1	2.7	*	6.1	4.9	*	6.1	6.3	*
Hysterectomy	14	0.0	0.7	*	0.0	1.4	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,075	7.3	8.7	0.8	11.4	13.4	1.0	14.1	17.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	65	27.7	30.8	6.1	29.2	34.0	6.7	29.2	37.3	7.9
Congestive Heart Failure	98	11.2	14.8	6.2	19.4	22.6	7.4	25.5	29.4	7.2
Pneumonia/Influenza	103	9.7	15.0	6.9	14.6	20.3	7.1	19.4	24.7	6.8
Chronic Obstructive Pulmonary Disease	24	25.0	12.8	*	33.3	20.7	*	37.5	26.5	*
Transient Cerebral Ischemia	37	0.0	1.7	*	0.0	3.6	*	2.7	5.7	*
Stroke	103	18.4	22.1	6.1	23.3	29.2	7.7	29.1	33.9	6.7
Hip Fracture	58	6.9	6.5	3.8	12.1	11.7	4.2	12.1	15.2	5.4
Sepsis	10	30.0	27.2	*	30.0	35.9	*	40.0	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	4.2	*	16.7	8.9	*	16.7	13.3	*
Carotid Endarterectomy	18	5.6	1.9	*	5.6	3.8	*	5.6	5.7	*
Hip Replacement/Reconstruction	38	5.3	4.3	*	10.5	8.3	*	10.5	11.2	*
Open Reduction of Hip Fracture	34	8.8	5.9	*	11.8	10.9	*	11.8	14.3	*
Prostatectomy	63	1.6	1.0	1.6	1.6	2.4	2.2	1.6	4.0	3.2
Cholecystectomy	44	4.5	2.6	*	6.8	5.1	*	9.1	7.1	*
Hysterectomy	16	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

143.1

Pardee
FRANK J. AARON, JR.
CHIEF EXECUTIVE OFFICER

January 11, 1991

Medicare Provider #34 0017
Certified 7/1/66

COMMENTS TO MEDICARE HOSPITAL MORTALITY INFORMATION

Following extensive retrospective review of the medical information on deaths reported in this data for 1989 Medicare Hospital Mortality Rates, Margaret R. Pardee Memorial Hospital is of the opinion that the data supports the conclusion that our rates are in line with predicted rates. The supplied instructional information confirms that observed values within two standard deviations of predicted values can be considered within normal limits. In all categories where this information is supplied, the observed mortality rate is within this guideline, and in the vast majority it exceeds this guideline by variation within one standard deviation. In those categories where standard deviation values are not listed, it is clearly evident that the number of cases and/or deaths in that category is too small to permit valid statistical analysis.

The hospital undertook thorough review of all categories for which standard deviations could not be calculated. For chronic obstructive pulmonary disease there were three patient deaths. Two of these patients were in advanced stages of lung disease when admitted, and could benefit from very little other than supportive care. The remaining death was a patient of 75+ years of age who experienced a full cardiac arrest eighteen days post discharge. In summary, a review of the medical information indicates that only supportive care was capable of being rendered due to the extent of lung disease in those patients at the time of admission.

For the transient cerebral ischemia category, there were three deaths. All patients died of causes unrelated to the need for hospitalization.

For the initial pacemaker insertion category, there were two deaths.
One death was the result of extensive cardiac history of a 90 year old patient who was aggressively managed in the hospital and died after discharge.

For the open reduction of hip fracture category, there were seven deaths. Two of these identified deaths occurred in elderly patients 300+ days post discharge, and are beyond the 180 day time frame of the study. Three additional patients were each 80+ years of age who died of causes unrelated to the reason for hospitalization and the resulting surgical procedure.

In summary, the vast majority of these reported deaths are statistically insignificant as defined in the study's instructional information. Those deaths in categories where no valid statistical analysis can be made are attributable to the age of the patient, the condition of the patient upon admission, and/or death due to causes unrelated to the reason for hospital admission.

Margaret R. Pardee
Memorial Hospital

715 Fleming St. Hendersonville, NC 28739
(704) 693-6522

This study cannot be relied upon to determine quality of care to patients in any hospital. There is no indication of the severity of illness and complicating factors in treatment of individual patients. Also there is no analysis of the hospital's particular situation, i.e. does a cancer unit exist for treatment of many cancer patients, therefore a higher death rate for that category of patients. This study is only one of many indicators to look at when quality questions are raised.

Frank J. Aaron, Jr.
Chief Executive Officer

FA-11/mortality.

MARIA PARHAM HOSPITAL

PO Drawer 59 Ruin Creek Rd
Henderson, NC 27536

Medicare Provider Number: 340132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	957	11.9	9.5	1.3	17.6	14.2	1.6	21.6	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	37	24.3	26.3	*	29.7	29.8	*	29.7	33.4	*
Congestive Heart Failure	45	15.6	13.1	*	24.4	20.8	*	35.6	27.4	*
Pneumonia/Influenza	53	32.1	13.0	7.3	39.6	17.8	8.1	39.6	22.0	8.4
Chronic Obstructive Pulmonary Disease	13	15.4	6.4	*	15.4	11.0	*	15.4	15.3	*
Transient Cerebral Ischemia	10	10.0	1.6	*	10.0	3.5	*	10.0	5.7	*
Stroke	34	20.6	18.9	*	29.4	24.8	*	29.4	29.3	*
Hip Fracture	32	3.1	6.0	*	3.1	10.9	*	6.3	14.2	*
Sepsis	9	55.6	30.1	*	66.7	36.7	*	66.7	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	5.6	*	10.0	9.2	*	10.0	12.1	*
Carotid Endarterectomy	2	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	13	0.0	5.1	*	0.0	9.8	*	7.7	13.1	*
Open Reduction of Hip Fracture	13	0.0	5.0	*	0.0	9.5	*	0.0	12.6	*
Prostatectomy	42	0.0	1.2	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy	41	0.0	2.8	*	0.0	4.8	*	0.0	6.2	*
Hysterectomy	4	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	78
Occupancy Rate	73
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	36
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	46
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARIA PARHAM HOSPITAL

Medicare Provider Number: 340132

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	875	8.8	9.8	1.1	14.7	14.6	1.2	19.8	18.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	48	18.8	30.8	*	22.9	34.0	*	33.3	37.8	*
Congestive Heart Failure	37	13.5	13.4	*	21.6	20.6	*	29.7	26.7	*
Pneumonia/Influenza	53	15.1	15.4	5.6	28.3	21.4	7.1	35.8	26.0	10.2
Chronic Obstructive Pulmonary Disease	13	15.4	6.1	*	15.4	11.1	*	15.4	15.4	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	41	22.0	17.4	*	31.7	23.0	*	34.1	27.4	*
Hip Fracture	31	3.2	5.8	*	9.7	10.1	*	19.4	13.1	*
Sepsis	9	22.2	28.6	*	33.3	36.0	*	33.3	42.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	5.1	*	14.3	7.6	*	14.3	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	3.2	*	10.0	6.2	*	20.0	8.3	*
Open Reduction of Hip Fracture	13	7.7	5.1	*	15.4	9.3	*	23.1	12.2	*
Prostatectomy	32	0.0	1.1	*	6.3	2.6	*	9.4	4.3	*
Cholecystectomy	18	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	922	10.8	8.5	1.7	15.3	12.5	1.7	18.5	15.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	29.5	*	38.7	33.2	*	41.9	37.6	*
Congestive Heart Failure	45	13.3	12.4	*	15.6	19.3	*	20.0	25.3	*
Pneumonia/Influenza	64	18.8	14.7	6.9	25.0	20.2	8.5	28.1	24.8	9.1
Chronic Obstructive Pulmonary Disease	6	16.7	9.5	*	33.3	15.5	*	50.0	20.2	*
Transient Cerebral Ischemia	9	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	42	23.8	17.1	*	33.3	22.6	*	40.5	27.0	*
Hip Fracture	29	6.9	5.7	*	6.9	10.4	*	10.3	13.8	*
Sepsis	11	36.4	32.7	*	45.5	39.4	*	45.5	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	18.2	3.3	*	27.3	6.9	*	27.3	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.4	*	0.0	8.3	*	0.0	11.0	*
Open Reduction of Hip Fracture	20	10.0	5.4	*	10.0	10.3	*	15.0	13.8	*
Prostatectomy	40	0.0	1.2	*	0.0	2.9	*	5.0	4.7	*
Cholecystectomy	1	0.0	2.0	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	6	0.0	1.8	*	0.0	4.3	*	0.0	6.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MARTIN GENERAL HOSPITAL

310 S McCaskey Rd P O Box 1128
Williamston, NC 27892

Medicare Provider Number: 340133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	301	17.3	13.1	2.4	24.6	18.9	2.9	29.2	23.4	3.3
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	36.8	*	37.5	40.2	*	37.5	43.8	*
Congestive Heart Failure	21	14.3	13.9	*	23.8	21.7	*	38.1	28.2	*
Pneumonia/Influenza	14	14.3	17.4	*	35.7	23.1	*	35.7	27.7	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.4	*	0.0	10.1	*	0.0	14.3	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke	22	31.8	20.3	*	31.8	26.2	*	40.9	30.4	*
Hip Fracture	0									
Sepsis	5	40.0	24.8	*	60.0	31.1	*	60.0	35.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	12.5	2.2	*	12.5	3.5	*	12.5	4.3	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	47
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MARTIN GENERAL HOSPITAL

Medicare Provider Number: 340133

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	259	13.9	12.4	2.4	20.5	17.6	3.2	23.9	21.6	4.3
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	22.3	*	27.3	25.4	*	27.3	28.7	*
Congestive Heart Failure	14	14.3	14.9	*	21.4	22.6	*	28.6	29.2	*
Pneumonia/Influenza	12	25.0	17.5	*	50.0	23.1	*	50.0	27.7	*
Chronic Obstructive Pulmonary Disease	6	50.0	7.8	*	50.0	14.9	*	50.0	21.3	*
Transient Cerebral Ischemia	5	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke	17	5.9	21.2	*	5.9	27.0	*	5.9	31.7	*
Hip Fracture	0									
Sepsis	10	20.0	24.2	*	40.0	31.5	*	40.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	19.2	*	33.3	27.1	*	33.3	30.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	249	17.3	10.5	2.6	22.9	15.0	3.1	28.5	18.7	3.4
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	33.7	*	46.2	36.7	*	53.8	39.9	*
Congestive Heart Failure	13	7.7	13.5	*	23.1	20.7	*	30.8	27.0	*
Pneumonia/Influenza	15	13.3	14.5	*	13.3	19.6	*	20.0	23.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	15.8	*	25.0	23.6	*	25.0	28.2	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.0	*	100.0	6.3	*
Stroke	14	42.9	19.4	*	42.9	25.9	*	50.0	30.5	*
Hip Fracture	1	0.0	12.9	*	0.0	24.8	*	0.0	32.2	*
Sepsis	6	50.0	36.4	*	50.0	45.1	*	83.3	52.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	12	8.3	1.9	*	8.3	3.1	*	8.3	3.8	*
Hysterectomy	3	0.0	0.2	*	33.3	0.4	*	33.3	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MCPHERSON HOSPITAL

1110 W Main St
Durham, NC 27701

Medicare Provider Number: 340049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	87	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	4
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MCPHERSON HOSPITAL

Medicare Provider Number: 340049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	109	0.0	0.6	0.9	0.0	1.2	1.5	0.9	1.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	105	0.0	0.6	1.3	1.9	1.3	1.4	3.8	2.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEDICAL PARK HOSPITAL

1950 S Hawthorne Rd
Winston-Salem, NC 27103

Medicare Provider Number: 340148

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,132	1.3	2.4	0.7	2.7	4.5	1.0	4.5	6.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	12.7	*	0.0	20.6	*	0.0	27.7	*
Pneumonia/Influenza	4	0.0	13.1	*	0.0	18.8	*	0.0	23.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	*	0.0	9.3	*	0.0	13.4	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.2	*	0.0	3.5	*
Stroke	0									
Hip Fracture	2	0.0	3.4	*	0.0	6.3	*	0.0	8.4	*
Sepsis	1	0.0	18.3	*	0.0	31.1	*	0.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	38	0.0	0.6	*	0.0	1.1	*	2.6	1.6	*
Open Reduction of Hip Fracture	1	0.0	3.1	*	0.0	6.0	*	0.0	8.3	*
Prostatectomy	261	0.8	0.7	0.6	1.5	1.8	0.8	2.3	3.0	1.1
Cholecystectomy	94	1.1	1.3	1.9	1.1	2.2	2.5	1.1	3.1	2.8
Hysterectomy	52	1.9	0.5	1.6	1.9	1.1	2.0	1.9	1.7	2.3

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	108
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEDICAL PARK HOSPITAL

Medicare Provider Number: 340148

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,107	1.8	2.8	0.6	2.8	5.0	0.9	4.3	6.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	25.0	16.8	*	50.0	25.7	*	50.0	32.8	*
Pneumonia/Influenza	5	20.0	21.5	*	20.0	30.1	*	20.0	36.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.7	*	0.0	12.1	*	0.0	17.0	*
Transient Cerebral Ischemia	1	0.0	0.6	*	0.0	1.5	*	0.0	2.3	*
Stroke	2	50.0	19.6	*	50.0	25.5	*	50.0	30.3	*
Hip Fracture	0									
Sepsis	1	0.0	6.4	*	0.0	9.8	*	0.0	13.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	30	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	274	0.7	0.8	0.5	1.1	1.8	0.9	1.8	3.1	1.4
Cholecystectomy	96	2.1	1.2	1.7	2.1	2.2	2.1	4.2	2.9	2.4
Hysterectomy	37	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	970	1.0	2.4	0.7	2.6	4.5	0.9	3.5	6.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	1	0.0	15.4	*	0.0	22.6	*	0.0	28.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.4	*	0.0	7.5	*	0.0	10.4	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.0	*	0.0	4.7	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	26	0.0	0.6	*	0.0	1.2	*	0.0	1.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	244	0.0	0.8	0.7	0.8	1.9	1.2	1.2	3.2	1.7
Cholecystectomy	71	1.4	1.6	1.5	2.8	2.9	2.6	2.8	4.1	3.0
Hysterectomy	47	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL MISSION MEDICAL CENTER

509 Biltmore Ave
Asheville, NC 28801

Medicare Provider Number: 340002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,510	8.6	8.2	0.5	12.9	12.5	0.6	16.6	15.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	135	20.0	23.1	4.0	20.0	26.2	4.7	22.2	29.5	5.2
Congestive Heart Failure	149	14.8	13.5	2.9	22.8	20.9	3.7	31.5	27.3	5.8
Pneumonia/Influenza	89	15.7	16.8	4.1	22.5	23.0	4.6	25.8	27.7	5.3
Chronic Obstructive Pulmonary Disease	21	9.5	7.3	*	14.3	13.1	*	19.0	18.5	*
Transient Cerebral Ischemia	32	0.0	1.6	*	3.1	3.4	*	6.3	5.4	*
Stroke	141	23.4	23.4	3.7	25.5	29.8	4.4	30.5	34.3	4.7
Hip Fracture	78	9.0	7.0	3.3	11.5	12.4	4.2	14.1	15.8	4.7
Sepsis	29	20.7	22.5	*	31.0	30.4	*	37.9	36.0	*
PROCEDURES:										
Angioplasty	64	3.1	3.9	3.9	4.7	5.1	3.6	6.3	6.3	3.1
Coronary Artery Bypass Graft	161	8.7	5.0	2.4	9.9	7.2	2.4	9.9	8.6	2.9
Initial Pacemaker Insertion	28	7.1	4.5	*	7.1	8.0	*	7.1	11.1	*
Carotid Endarterectomy	62	0.0	1.5	2.2	1.6	2.8	2.5	3.2	4.0	2.9
Hip Replacement/Reconstruction	84	3.6	2.9	1.9	4.8	5.3	2.8	6.0	7.1	3.3
Open Reduction of Hip Fracture	36	8.3	6.3	*	11.1	11.7	*	13.9	15.2	*
Prostatectomy	66	1.5	1.1	1.4	1.5	2.4	2.0	3.0	3.9	2.5
Cholecystectomy	64	6.3	3.6	2.9	7.8	6.3	3.3	12.5	8.2	4.3
Hysterectomy	35	2.9	0.5	*	2.9	1.3	*	2.9	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	394
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	301
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	541
Licensed Practical Nurses	128

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL MISSION MEDICAL CENTER

Medicare Provider Number: 340002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,195	9.1	9.1	0.5	13.6	13.5	0.8	17.1	17.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	122	14.8	23.5	5.9	19.7	26.9	6.2	21.3	30.4	6.4
Congestive Heart Failure	134	15.7	16.0	3.2	26.1	24.3	5.3	32.8	31.1	7.8
Pneumonia/Influenza	86	12.8	20.0	5.5	16.3	27.3	6.6	23.3	32.7	6.5
Chronic Obstructive Pulmonary Disease	21	4.8	8.2	*	9.5	14.5	*	19.0	20.1	*
Transient Cerebral Ischemia	43	7.0	1.9	*	7.0	4.0	*	7.0	6.3	*
Stroke	101	23.8	20.4	5.1	28.7	26.6	5.0	29.7	31.1	5.3
Hip Fracture	108	10.2	6.4	3.8	12.0	11.6	3.1	14.8	14.9	3.4
Sepsis	34	14.7	21.5	*	17.6	28.5	*	20.6	33.5	*
PROCEDURES:										
Angioplasty	53	0.0	3.7	*	0.0	4.7	*	0.0	5.8	*
Coronary Artery Bypass Graft	114	5.3	6.2	2.6	6.1	8.9	4.3	7.9	10.5	5.0
Initial Pacemaker Insertion	35	5.7	5.8	*	5.7	8.7	*	8.6	11.6	*
Carotid Endarterectomy	78	2.6	1.6	2.0	2.6	2.9	2.8	5.1	4.2	2.5
Hip Replacement/Reconstruction	85	3.5	3.2	2.4	7.1	5.9	2.7	10.6	7.8	3.8
Open Reduction of Hip Fracture	40	10.0	6.2	*	10.0	11.7	*	10.0	15.2	*
Prostatectomy	80	1.2	1.4	2.5	3.8	3.2	4.3	8.7	5.2	5.7
Cholecystectomy	46	4.3	4.2	*	15.2	7.2	*	17.4	9.4	*
Hysterectomy	35	0.0	0.6	*	0.0	1.3	*	2.9	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,100	9.8	9.1	0.8	14.5	13.4	1.1	17.4	16.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	127	27.6	26.9	5.1	32.3	29.9	5.2	33.1	33.2	4.2
Congestive Heart Failure	114	18.4	15.9	4.0	27.2	23.9	4.9	36.8	30.6	7.6
Pneumonia/Influenza	84	21.4	17.9	6.4	28.6	23.9	8.3	32.1	28.6	7.1
Chronic Obstructive Pulmonary Disease	25	8.0	7.5	*	12.0	13.4	*	24.0	18.3	*
Transient Cerebral Ischemia	45	0.0	1.9	*	0.0	4.1	*	0.0	6.3	*
Stroke	119	17.6	23.2	4.9	23.5	29.7	5.2	25.2	34.1	6.1
Hip Fracture	72	9.7	7.2	3.7	11.1	12.8	4.2	15.3	16.5	4.4
Sepsis	31	29.0	29.3	*	48.4	37.7	*	54.8	44.3	*
PROCEDURES:										
Angioplasty	40	5.0	3.5	*	5.0	4.3	*	5.0	5.3	*
Coronary Artery Bypass Graft	120	5.0	6.0	2.6	8.3	8.5	2.5	8.3	9.9	3.1
Initial Pacemaker Insertion	51	2.0	3.2	4.4	7.8	5.8	5.3	7.8	8.2	6.9
Carotid Endarterectomy	69	10.1	1.8	3.2	11.6	3.4	3.8	13.0	4.9	4.2
Hip Replacement/Reconstruction	58	1.7	3.0	3.1	1.7	5.4	5.4	3.4	7.1	6.4
Open Reduction of Hip Fracture	25	8.0	5.6	*	12.0	10.7	*	12.0	14.3	*
Prostatectomy	49	0.0	1.0	*	0.0	2.6	*	4.1	4.6	*
Cholecystectomy	64	3.1	2.6	2.1	3.1	4.4	2.8	3.1	5.5	3.3
Hysterectomy	25	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY HOSPITAL INC

2001 Vail Ave
Charlotte, NC 28207

Medicare Provider Number: 340098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,192	8.1	8.2	0.8	12.9	12.6	0.8	16.6	16.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	77	19.5	23.4	8.3	20.8	26.2	9.4	23.4	29.2	10.3
Congestive Heart Failure	123	14.6	12.0	3.8	20.3	19.1	3.7	26.0	25.2	4.6
Pneumonia/Influenza	105	10.5	13.6	7.1	13.3	18.8	6.8	20.0	23.1	5.5
Chronic Obstructive Pulmonary Disease	27	3.7	6.5	*	14.8	11.4	*	18.5	15.8	*
Transient Cerebral Ischemia	15	6.7	1.6	*	6.7	3.4	*	6.7	5.3	*
Stroke	92	15.2	16.7	4.2	20.7	22.3	4.9	26.1	26.3	4.6
Hip Fracture	37	10.8	7.5	*	13.5	13.3	*	21.6	16.9	*
Sepsis	38	23.7	22.7	*	26.3	31.7	*	28.9	37.6	*
PROCEDURES:										
Angioplasty	31	6.5	4.7	*	6.5	5.5	*	6.5	6.6	*
Coronary Artery Bypass Graft	92	8.7	4.2	3.6	10.9	5.9	3.9	10.9	7.1	4.0
Initial Pacemaker Insertion	30	3.3	2.9	*	3.3	5.9	*	6.7	8.8	*
Carotid Endarterectomy	8	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Hip Replacement/Reconstruction	10	10.0	5.7	*	10.0	11.1	*	20.0	15.0	*
Open Reduction of Hip Fracture	20	15.0	7.5	*	20.0	13.7	*	35.0	17.6	*
Prostatectomy	71	1.4	1.1	1.4	2.8	2.6	2.2	4.2	4.3	3.0
Cholecystectomy	51	0.0	2.3	3.2	2.0	4.1	3.8	3.9	5.5	3.9
Hysterectomy	19	0.0	1.5	*	0.0	3.5	*	10.5	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	263
Occupancy Rate	(Not Available)
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	401
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	261
Licensed Practical Nurses	45

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL INC

Medicare Provider Number: 340098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,986	9.2	9.2	0.8	13.8	13.9	0.8	18.6	17.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	102	23.5	27.4	5.5	28.4	30.4	5.6	29.4	33.8	5.8
Congestive Heart Failure	122	20.5	14.6	4.5	29.5	22.6	5.9	36.1	29.2	5.5
Pneumonia/Influenza	73	16.4	13.7	4.3	21.9	18.6	5.3	30.1	22.6	7.0
Chronic Obstructive Pulmonary Disease	11	0.0	4.1	*	0.0	7.9	*	9.1	11.4	*
Transient Cerebral Ischemia	19	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	100	17.0	19.4	4.5	24.0	25.8	4.9	28.0	30.4	5.6
Hip Fracture	26	0.0	5.5	*	3.8	10.1	*	7.7	13.3	*
Sepsis	24	16.7	25.6	*	29.2	35.3	*	29.2	41.8	*
PROCEDURES:										
Angioplasty	48	12.5	5.0	*	12.5	5.8	*	12.5	6.8	*
Coronary Artery Bypass Graft	71	4.2	6.1	4.7	4.2	8.7	4.8	7.0	10.2	4.6
Initial Pacemaker Insertion	36	0.0	3.3	*	2.8	6.1	*	2.8	8.9	*
Carotid Endarterectomy	16	6.3	1.6	*	18.8	3.1	*	25.0	4.5	*
Hip Replacement/Reconstruction	9	0.0	4.2	*	0.0	8.2	*	0.0	11.0	*
Open Reduction of Hip Fracture	7	0.0	4.9	*	14.3	9.2	*	28.6	12.1	*
Prostatectomy	71	2.8	1.5	1.8	2.8	3.3	3.1	8.5	5.1	4.6
Cholecystectomy	35	5.7	3.0	*	5.7	5.5	*	8.6	7.3	*
Hysterectomy	29	3.4	1.2	*	3.4	2.6	*	3.4	4.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,876	10.0	9.0	0.9	15.4	13.5	1.2	19.1	17.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	85	18.8	28.2	8.0	21.2	31.4	7.7	28.2	34.8	6.6
Congestive Heart Failure	84	25.0	13.8	6.2	33.3	21.1	7.7	38.1	27.5	7.4
Pneumonia/Influenza	72	22.2	16.2	8.3	27.8	22.3	8.0	30.6	27.4	6.5
Chronic Obstructive Pulmonary Disease	22	9.1	7.5	*	13.6	13.1	*	27.3	17.5	*
Transient Cerebral Ischemia	13	0.0	1.8	*	15.4	3.6	*	15.4	5.5	*
Stroke	87	20.7	17.9	5.5	28.7	23.9	6.4	34.5	28.2	8.9
Hip Fracture	25	4.0	5.9	*	16.0	10.9	*	20.0	14.5	*
Sepsis	25	36.0	25.7	*	44.0	34.4	*	44.0	40.6	*
PROCEDURES:										
Angioplasty	31	0.0	4.8	*	0.0	5.8	*	6.5	7.0	*
Coronary Artery Bypass Graft	49	10.2	4.8	*	18.4	6.9	*	20.4	8.4	*
Initial Pacemaker Insertion	46	4.3	4.0	*	8.7	6.7	*	13.0	9.4	*
Carotid Endarterectomy	13	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	9	0.0	6.6	*	11.1	13.5	*	22.2	19.0	*
Open Reduction of Hip Fracture	5	0.0	4.4	*	0.0	8.9	*	0.0	12.3	*
Prostatectomy	71	1.4	0.9	1.6	2.8	2.3	3.9	9.9	3.9	4.6
Cholecystectomy	37	5.4	2.0	*	8.1	3.3	*	8.1	4.3	*
Hysterectomy	25	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MONTGOMERY MEMORIAL HOSPITAL

520 Allen St
Troy, NC 27371

Medicare Provider Number: 340063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	396	12.1	9.8	2.5	16.7	14.6	2.6	19.7	18.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	24.0	*	20.0	27.9	*	20.0	31.8	*
Congestive Heart Failure	18	11.1	13.3	*	16.7	20.1	*	27.8	26.1	*
Pneumonia/Influenza	32	9.4	16.7	*	21.9	22.8	*	21.9	27.4	*
Chronic Obstructive Pulmonary Disease	10	20.0	7.0	*	20.0	12.3	*	30.0	17.3	*
Transient Cerebral Ischemia	6	0.0	2.4	*	0.0	5.4	*	0.0	8.6	*
Stroke	7	14.3	23.5	*	28.6	30.2	*	42.9	35.2	*
Hip Fracture	18	11.1	5.4	*	16.7	9.8	*	22.2	12.9	*
Sepsis	1	0.0	12.6	*	0.0	15.7	*	0.0	18.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	4.7	*	25.0	9.5	*	25.0	13.1	*
Open Reduction of Hip Fracture	11	9.1	4.7	*	18.2	8.5	*	18.2	11.1	*
Prostatectomy	20	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy	6	0.0	3.6	*	0.0	7.1	*	0.0	9.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	71
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MONTGOMERY MEMORIAL HOSPITAL

Medicare Provider Number: 340063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	486	11.1	9.6	1.7	17.9	14.3	2.2	22.4	18.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	29.4	*	45.0	33.4	*	50.0	37.6	*
Congestive Heart Failure	32	18.8	16.0	*	31.3	23.6	*	37.5	29.9	*
Pneumonia/Influenza	42	14.3	13.6	*	26.2	18.8	*	31.0	23.1	*
Chronic Obstructive Pulmonary Disease	7	28.6	10.3	*	28.6	16.8	*	28.6	22.0	*
Transient Cerebral Ischemia	8	0.0	1.8	*	0.0	4.2	*	0.0	6.7	*
Stroke	14	35.7	20.8	*	42.9	28.1	*	50.0	33.1	*
Hip Fracture	17	0.0	5.9	*	5.9	10.4	*	5.9	13.4	*
Sepsis	3	66.7	38.6	*	66.7	47.0	*	66.7	54.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	7.6	*	20.0	13.1	*	20.0	16.8	*
Open Reduction of Hip Fracture	6	0.0	3.8	*	0.0	7.4	*	0.0	10.0	*
Prostatectomy	25	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	7	0.0	2.6	*	0.0	5.2	*	0.0	7.1	*
Hysterectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	475	10.7	9.5	2.0	16.2	14.0	2.7	18.9	17.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	24.5	*	20.0	27.6	*	20.0	31.1	*
Congestive Heart Failure	20	5.0	15.7	*	20.0	23.4	*	20.0	30.0	*
Pneumonia/Influenza	29	13.8	16.7	*	24.1	22.6	*	31.0	27.5	*
Chronic Obstructive Pulmonary Disease	5	40.0	4.6	*	40.0	8.4	*	60.0	11.7	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	12	16.7	23.8	*	25.0	31.1	*	25.0	36.8	*
Hip Fracture	16	0.0	5.8	*	6.3	10.3	*	6.3	13.3	*
Sepsis	2	0.0	25.2	*	0.0	31.7	*	0.0	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.4	*	100.0	6.9	*	100.0	13.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.6	*	11.1	8.4	*	11.1	11.0	*
Open Reduction of Hip Fracture	7	0.0	5.6	*	0.0	10.4	*	0.0	13.6	*
Prostatectomy	32	3.1	1.1	*	6.3	2.7	*	9.4	4.5	*
Cholecystectomy	15	0.0	2.3	*	6.7	3.9	*	6.7	4.9	*
Hysterectomy	2	0.0	0.7	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOORE REGIONAL HOSPITAL INC

P O Box 300 Page Rd
Pinehurst, NC 28374

Medicare Provider Number: 340115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,437	7.0	8.8	0.6	11.4	13.0	0.8	14.7	16.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	64	25.0	26.4	5.7	26.6	29.3	6.2	29.7	32.5	6.8
Congestive Heart Failure	153	13.7	15.3	3.7	26.1	23.2	4.0	32.7	29.8	3.9
Pneumonia/Influenza	136	17.6	16.8	3.3	27.2	22.7	4.2	34.6	27.5	5.4
Chronic Obstructive Pulmonary Disease	13	7.7	10.3	*	7.7	16.2	*	23.1	20.7	*
Transient Cerebral Ischemia	40	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke	276	10.1	18.4	3.5	17.0	24.9	3.9	20.3	29.0	3.9
Hip Fracture	95	4.2	6.5	3.1	5.3	11.5	4.9	8.4	14.9	5.3
Sepsis	37	21.6	31.4	*	27.0	38.3	*	32.4	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	0.0	4.4	*	9.5	8.3	*	14.3	11.8	*
Carotid Endarterectomy	9	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	113	0.9	1.7	1.4	1.8	3.1	2.0	3.5	4.2	2.1
Open Reduction of Hip Fracture	39	5.1	6.4	*	5.1	11.9	*	7.7	15.6	*
Prostatectomy	196	1.0	1.1	1.6	4.1	2.5	2.0	6.1	4.1	2.3
Cholecystectomy	101	2.0	2.1	1.6	5.0	3.8	2.2	5.9	5.2	2.3
Hysterectomy	51	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	312
Occupancy Rate	88
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	100
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	351
Licensed Practical Nurses	70

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOORE REGIONAL HOSPITAL INC

Medicare Provider Number: 340115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,283	9.1	9.7	0.9	13.3	14.3	0.9	16.8	17.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	74	28.4	29.0	5.3	33.8	32.2	5.9	39.2	35.7	7.8
Congestive Heart Failure	119	20.2	17.0	4.8	31.1	25.7	6.7	36.1	32.6	5.9
Pneumonia/Influenza	152	21.7	18.7	3.8	30.3	25.1	5.0	34.9	30.1	5.0
Chronic Obstructive Pulmonary Disease	16	6.3	5.5	*	18.8	10.4	*	18.8	14.3	*
Transient Cerebral Ischemia	65	0.0	1.5	2.0	1.5	3.4	2.7	4.6	5.3	2.8
Stroke	295	14.6	20.4	3.2	18.6	27.3	3.9	22.4	31.8	4.2
Hip Fracture	98	6.1	8.0	4.1	10.2	14.0	5.2	17.3	17.6	4.0
Sepsis	45	15.6	34.4	*	26.7	41.0	*	33.3	47.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	3.5	*	5.6	6.2	*	5.6	8.9	*
Carotid Endarterectomy	21	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	96	3.1	2.2	1.9	4.2	4.0	2.1	4.2	5.3	2.7
Open Reduction of Hip Fracture	41	4.9	6.7	*	7.3	12.3	*	14.6	15.8	*
Prostatectomy	146	2.1	1.6	1.3	4.8	3.4	2.2	5.5	5.4	1.9
Cholecystectomy	81	3.7	4.0	3.5	7.4	6.8	4.2	7.4	8.4	3.2
Hysterectomy	49	0.0	0.5	*	2.0	0.9	*	2.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,001	9.5	9.7	0.6	14.1	14.4	0.7	18.0	17.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	69	36.2	32.0	7.0	40.6	35.2	8.4	43.5	38.6	11.1
Congestive Heart Failure	117	17.1	16.9	3.6	25.6	25.1	4.1	33.3	32.0	5.0
Pneumonia/Influenza	104	18.3	19.4	4.0	27.9	26.2	5.3	35.6	31.5	6.9
Chronic Obstructive Pulmonary Disease	44	13.6	9.3	*	20.5	14.8	*	25.0	19.0	*
Transient Cerebral Ischemia	50	0.0	1.7	*	2.0	3.8	*	2.0	6.0	*
Stroke	284	18.0	20.0	3.1	23.6	26.8	2.9	26.4	31.1	3.4
Hip Fracture	94	8.5	7.7	4.7	14.9	13.3	4.0	18.1	16.9	4.5
Sepsis	52	25.0	34.6	11.6	32.7	42.1	11.6	38.5	48.5	9.9
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	0.0	4.3	*	4.8	8.6	*	4.8	12.1	*
Carotid Endarterectomy	10	10.0	2.0	*	10.0	4.1	*	10.0	5.9	*
Hip Replacement/Reconstruction	87	3.4	3.1	2.1	5.7	5.5	2.5	8.0	7.2	3.0
Open Reduction of Hip Fracture	36	13.9	6.5	*	19.4	11.9	*	22.2	15.2	*
Prostatectomy	190	1.1	1.0	0.8	2.6	2.3	1.7	5.8	3.8	3.1
Cholecystectomy	81	6.2	3.2	3.3	8.6	5.5	5.5	11.1	7.0	6.5
Hysterectomy	29	3.4	0.9	*	3.4	1.8	*	3.4	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOREHEAD MEMORIAL HOSPITAL

117 E Kings Highway
Eden, NC 27288

Medicare Provider Number: 340060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,061	6.9	8.9	1.4	11.7	13.4	1.5	15.5	17.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	38	28.9	26.2	*	36.8	30.1	*	39.5	33.7	*
Congestive Heart Failure	56	12.5	14.3	4.9	23.2	22.1	6.6	35.7	28.6	7.5
Pneumonia/Influenza	52	11.5	14.5	7.5	15.4	19.7	6.8	25.0	23.9	6.0
Chronic Obstructive Pulmonary Disease	20	10.0	7.0	*	15.0	12.0	*	15.0	16.5	*
Transient Cerebral Ischemia	19	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke	59	15.3	21.9	8.9	25.4	28.5	9.0	28.8	33.2	7.4
Hip Fracture	18	5.6	6.3	*	5.6	11.4	*	11.1	15.0	*
Sepsis	3	33.3	20.4	*	66.7	28.5	*	66.7	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	3.3	*	66.7	6.3	*	66.7	9.2	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	15	6.7	4.7	*	6.7	9.1	*	13.3	12.2	*
Open Reduction of Hip Fracture	6	0.0	5.7	*	0.0	10.8	*	0.0	14.5	*
Prostatectomy	45	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy	20	0.0	2.3	*	0.0	3.8	*	0.0	5.1	*
Hysterectomy	8	0.0	1.1	*	0.0	2.2	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	126
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	68
Medical Residents/Interns	0
Registered Nurses	92
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOREHEAD MEMORIAL HOSPITAL

Medicare Provider Number: 340060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	964	7.8	9.1	1.0	11.4	13.6	1.4	13.8	17.1	1.7
CONDITIONS:										
Acute Myocardial Infarction	47	17.0	26.2	*	19.1	29.9	*	21.3	33.4	*
Congestive Heart Failure	36	11.1	14.8	*	19.4	22.3	*	27.8	28.7	*
Pneumonia/Influenza	43	9.3	18.2	*	11.6	24.3	*	14.0	29.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.2	*	10.0	10.3	*	10.0	14.1	*
Transient Cerebral Ischemia	17	0.0	1.9	*	0.0	4.2	*	11.8	6.6	*
Stroke	49	20.4	19.9	*	28.6	26.2	*	32.7	30.8	*
Hip Fracture	32	3.1	7.2	*	12.5	12.8	*	15.6	16.2	*
Sepsis	3	0.0	16.1	*	0.0	19.5	*	0.0	23.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	40.4	*	50.0	48.3	*	50.0	52.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	5.4	*	11.8	10.2	*	11.8	13.2	*
Open Reduction of Hip Fracture	17	5.9	6.5	*	17.6	12.2	*	23.5	15.8	*
Prostatectomy	14	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy	26	3.8	2.0	*	3.8	3.7	*	3.8	4.9	*
Hysterectomy	5	0.0	0.7	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	844	9.8	10.0	1.2	14.7	14.8	1.2	17.3	18.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	35	25.7	28.0	*	25.7	32.0	*	34.3	35.7	*
Congestive Heart Failure	51	9.8	16.7	8.0	23.5	24.7	7.3	27.5	31.5	9.4
Pneumonia/Influenza	41	19.5	17.9	*	22.0	23.6	*	22.0	28.4	*
Chronic Obstructive Pulmonary Disease	8	12.5	7.3	*	25.0	12.6	*	25.0	17.0	*
Transient Cerebral Ischemia	13	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	41	31.7	21.4	*	34.1	27.3	*	36.6	31.8	*
Hip Fracture	25	8.0	6.4	*	8.0	11.5	*	8.0	14.8	*
Sepsis	7	28.6	25.1	*	28.6	31.8	*	28.6	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.7	*	0.0	7.2	*	0.0	9.8	*
Open Reduction of Hip Fracture	16	6.3	5.5	*	6.3	10.4	*	6.3	13.7	*
Prostatectomy	30	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	17	5.9	3.9	*	11.8	7.4	*	11.8	10.3	*
Hysterectomy	4	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MURPHY MEDICAL CENTER

2002 US Highway 64 East
Murphy, NC 28906

Medicare Provider Number: 340160

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	530	7.9	10.0	1.5	10.8	15.0	2.0	14.0	18.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	30.5	*	25.0	34.1	*	25.0	37.8	*
Congestive Heart Failure	19	10.5	15.5	*	10.5	24.2	*	21.1	31.0	*
Pneumonia/Influenza	33	15.2	14.8	*	15.2	20.8	*	18.2	25.3	*
Chronic Obstructive Pulmonary Disease	14	0.0	7.7	*	0.0	14.4	*	7.1	20.0	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Stroke	24	25.0	22.5	*	25.0	29.7	*	25.0	34.6	*
Hip Fracture	0									
Sepsis	4	0.0	17.3	*	25.0	25.9	*	25.0	32.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	58	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy	4	0.0	3.6	*	25.0	7.3	*	25.0	9.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	170
Occupancy Rate	80
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	32
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MURPHY MEDICAL CENTER

Medicare Provider Number: 340160

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	476	6.5	10.4	1.8	9.2	15.5	2.3	12.6	19.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	31	19.4	24.8	*	19.4	27.9	*	25.8	31.6	*
Congestive Heart Failure	32	3.1	13.4	*	12.5	20.7	*	18.8	26.7	*
Pneumonia/Influenza	39	0.0	12.5	*	5.1	17.6	*	10.3	21.4	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.4	*	0.0	12.7	*	9.1	18.5	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke	16	25.0	26.8	*	31.3	33.1	*	37.5	38.0	*
Hip Fracture	0									
Sepsis	4	0.0	17.2	*	0.0	23.9	*	0.0	28.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	51	0.0	0.9	2.1	2.0	2.2	2.2	2.0	3.5	3.0
Cholecystectomy	4	0.0	2.2	*	0.0	4.0	*	0.0	5.0	*
Hysterectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	386	10.9	11.9	1.7	14.8	17.3	2.1	15.5	21.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	27.0	*	37.5	31.0	*	37.5	34.5	*
Congestive Heart Failure	22	13.6	16.7	*	18.2	24.7	*	18.2	31.3	*
Pneumonia/Influenza	26	3.8	14.8	*	3.8	20.3	*	3.8	24.3	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.5	*	0.0	11.5	*	0.0	15.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke	14	21.4	26.2	*	28.6	35.0	*	28.6	40.9	*
Hip Fracture	0									
Sepsis	3	33.3	25.5	*	33.3	33.5	*	33.3	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.2	*	0.0	3.3	*	0.0	5.6	*
Cholecystectomy	8	12.5	2.7	*	12.5	4.5	*	25.0	5.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NASH GENERAL HOSPITAL

Curtis Ellis Dr
Rocky Mount, NC 27804

Medicare Provider Number: 340147

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,185	9.5	10.5	1.0	14.7	15.6	1.0	18.8	19.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	65	29.2	31.4	6.1	36.9	35.1	6.3	40.0	38.8	7.5
Congestive Heart Failure	130	9.2	14.5	5.4	17.7	22.5	5.9	23.8	29.0	6.2
Pneumonia/Influenza	113	13.3	15.9	4.6	19.5	21.3	4.0	27.4	25.8	4.3
Chronic Obstructive Pulmonary Disease	46	6.5	5.8	*	8.7	10.5	*	13.0	14.7	*
Transient Cerebral Ischemia	30	0.0	1.6	*	0.0	3.4	*	6.7	5.3	*
Stroke	121	23.1	21.7	4.1	30.6	28.1	4.9	35.5	32.5	5.6
Hip Fracture	49	10.2	7.2	*	12.2	12.6	*	12.2	16.0	*
Sepsis	29	27.6	25.2	*	34.5	33.2	*	41.4	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	5.3	*	0.0	8.3	*	0.0	10.8	*
Initial Pacemaker Insertion	19	5.3	4.9	*	10.5	8.1	*	21.1	11.0	*
Carotid Endarterectomy	16	0.0	1.4	*	0.0	2.4	*	6.3	3.5	*
Hip Replacement/Reconstruction	25	4.0	3.5	*	12.0	7.3	*	16.0	10.7	*
Open Reduction of Hip Fracture	19	5.3	5.5	*	5.3	10.1	*	5.3	13.2	*
Prostatectomy	36	0.0	0.8	*	0.0	1.9	*	5.6	3.2	*
Cholecystectomy	37	2.7	2.6	*	5.4	4.6	*	5.4	6.0	*
Hysterectomy	30	0.0	0.3	*	0.0	0.8	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	282
Occupancy Rate	(Not Available)
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	94
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	277
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NASH GENERAL HOSPITAL

Medicare Provider Number: 340147

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,179	8.7	9.9	1.0	15.1	15.1	0.8	18.9	19.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	64	29.7	32.0	6.0	35.9	36.1	6.0	39.1	40.1	6.2
Congestive Heart Failure	142	14.8	15.6	3.1	23.9	23.7	3.7	31.0	30.4	4.2
Pneumonia/Influenza	85	16.5	17.4	4.5	21.2	23.2	5.0	23.5	27.8	6.2
Chronic Obstructive Pulmonary Disease	54	7.4	7.2	3.6	13.0	13.1	4.9	16.7	18.3	5.4
Transient Cerebral Ischemia	51	0.0	2.1	2.9	3.9	4.5	3.6	9.8	7.1	5.1
Stroke	112	12.5	21.1	4.9	22.3	27.7	4.7	26.8	32.3	5.0
Hip Fracture	46	0.0	7.8	*	6.5	13.7	*	15.2	17.3	*
Sepsis	20	25.0	25.6	*	30.0	34.1	*	40.0	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	4.3	*	0.0	9.3	*	0.0	13.9	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	24	0.0	4.2	*	12.5	8.0	*	20.8	10.4	*
Open Reduction of Hip Fracture	19	0.0	5.5	*	10.5	10.5	*	26.3	13.8	*
Prostatectomy	71	1.4	1.3	1.6	4.2	3.1	2.4	5.6	5.2	2.7
Cholecystectomy	38	5.3	3.5	*	5.3	6.5	*	7.9	8.6	*
Hysterectomy	21	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,107	9.6	10.7	0.8	14.9	15.9	1.2	18.7	20.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	84	25.0	27.3	5.2	27.4	31.2	5.9	29.8	34.9	6.3
Congestive Heart Failure	153	19.0	16.2	5.9	26.8	24.1	6.7	35.3	30.7	8.1
Pneumonia/Influenza	82	12.2	18.2	6.2	19.5	24.3	7.5	24.4	29.3	6.4
Chronic Obstructive Pulmonary Disease	44	2.3	8.1	*	9.1	14.5	*	11.4	20.0	*
Transient Cerebral Ischemia	50	2.0	2.1	*	4.0	4.6	*	8.0	7.2	*
Stroke	133	13.5	24.0	5.3	20.3	30.6	6.3	23.3	35.1	6.1
Hip Fracture	42	4.8	8.1	*	9.5	14.0	*	14.3	17.5	*
Sepsis	19	26.3	27.6	*	31.6	36.8	*	36.8	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	17.6	5.5	*	29.4	10.3	*	29.4	14.3	*
Carotid Endarterectomy	8	0.0	2.0	*	0.0	3.7	*	0.0	5.3	*
Hip Replacement/Reconstruction	28	0.0	4.9	*	3.6	9.3	*	10.7	12.3	*
Open Reduction of Hip Fracture	18	11.1	7.8	*	16.7	13.9	*	16.7	17.5	*
Prostatectomy	60	0.0	1.1	1.9	1.7	2.4	2.9	5.0	3.9	3.6
Cholecystectomy	17	5.9	4.5	*	5.9	7.2	*	5.9	8.9	*
Hysterectomy	14	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NEW HANOVER MEMORIAL HOSPITAL

2131 S 17th St Box 9000
Wilmington, NC 28401

Medicare Provider Number: 340141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,963	8.9	8.8	0.5	13.9	13.6	0.7	17.7	17.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	101	27.7	28.0	4.7	31.7	31.2	4.8	39.6	34.9	5.4
Congestive Heart Failure	176	16.5	15.9	2.8	26.1	24.1	4.0	31.8	31.0	4.3
Pneumonia/Influenza	112	13.4	15.1	3.5	19.6	20.5	4.3	24.1	24.9	4.1
Chronic Obstructive Pulmonary Disease	47	2.1	5.0	*	4.3	9.3	*	6.4	13.2	*
Transient Cerebral Ischemia	54	1.9	1.7	2.0	3.7	3.7	2.7	5.6	6.0	3.3
Stroke	187	22.5	19.7	4.6	27.8	25.5	4.3	31.6	29.8	4.6
Hip Fracture	90	6.7	6.0	3.2	11.1	11.0	3.4	15.6	14.4	4.2
Sepsis	45	24.4	27.1	*	28.9	35.7	*	35.6	42.4	*
PROCEDURES:										
Angioplasty	24	0.0	4.3	*	0.0	5.3	*	0.0	6.5	*
Coronary Artery Bypass Graft	68	0.0	4.7	5.3	1.5	7.0	6.0	2.9	8.6	5.9
Initial Pacemaker Insertion	38	0.0	3.9	*	2.6	6.7	*	7.9	9.2	*
Carotid Endarterectomy	47	0.0	1.2	*	0.0	2.3	*	2.1	3.5	*
Hip Replacement/Reconstruction	55	5.5	4.4	3.1	10.9	8.6	4.2	12.7	11.8	4.4
Open Reduction of Hip Fracture	21	4.8	6.0	*	9.5	11.2	*	14.3	14.7	*
Prostatectomy	157	0.0	1.2	1.4	1.9	2.5	1.6	2.5	3.8	2.4
Cholecystectomy	68	0.0	2.6	3.1	2.9	4.2	3.3	2.9	5.3	3.5
Hysterectomy	41	2.4	0.6	*	2.4	1.2	*	2.4	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	482
Occupancy Rate	87
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	244
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	28
Registered Nurses	685
Licensed Practical Nurses	87

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

NEW HANOVER MEMORIAL HOSPITAL

Medicare Provider Number: 340141

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,682	9.8	9.3	0.6	15.0	14.2	0.8	18.9	18.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	111	33.3	28.4	6.1	36.0	31.7	6.0	39.6	35.5	6.3
Congestive Heart Failure	175	14.3	15.3	3.3	25.7	23.2	5.2	31.4	29.8	5.6
Pneumonia/Influenza	112	19.6	16.9	4.7	25.9	23.1	4.5	26.8	28.1	4.3
Chronic Obstructive Pulmonary Disease	46	2.2	5.0	*	4.3	9.8	*	10.9	14.2	*
Transient Cerebral Ischemia	56	3.6	1.7	2.1	5.4	3.7	4.8	10.7	5.7	5.4
Stroke	163	16.0	22.0	5.0	20.9	27.7	6.0	23.9	32.1	6.2
Hip Fracture	113	6.2	6.6	2.5	8.0	11.8	4.1	8.8	15.2	5.6
Sepsis	34	44.1	35.6	*	52.9	44.3	*	52.9	50.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	18	5.6	5.0	*	5.6	7.0	*	5.6	8.1	*
Initial Pacemaker Insertion	39	2.6	6.1	*	10.3	9.3	*	17.9	12.2	*
Carotid Endarterectomy	52	7.7	1.5	2.9	9.6	2.9	3.4	9.6	4.2	3.5
Hip Replacement/Reconstruction	57	1.8	4.1	4.2	3.5	8.1	7.2	3.5	10.8	8.2
Open Reduction of Hip Fracture	35	2.9	6.3	*	2.9	11.5	*	2.9	14.9	*
Prostatectomy	103	1.0	0.9	1.4	1.9	2.1	2.3	4.9	3.4	2.5
Cholecystectomy	60	0.0	2.7	*	0.0	4.6	*	0.0	5.8	*
Hysterectomy	33	3.0	1.3	*	3.0	2.5	*	3.0	3.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,274	8.5	9.3	0.7	14.4	14.4	0.6	18.7	18.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	76	27.6	28.0	5.4	34.2	31.3	6.2	39.5	34.8	7.9
Congestive Heart Failure	182	14.8	15.2	2.8	22.5	22.7	3.1	28.0	29.1	3.5
Pneumonia/Influenza	119	11.8	16.9	5.2	16.8	22.7	5.9	23.5	27.3	5.2
Chronic Obstructive Pulmonary Disease	35	5.7	7.0	*	14.3	13.0	*	22.9	18.1	*
Transient Cerebral Ischemia	40	2.5	2.1	*	5.0	4.5	*	7.5	6.9	*
Stroke	125	13.6	20.3	7.6	21.6	26.2	8.7	24.8	30.4	8.3
Hip Fracture	76	5.3	5.7	3.0	13.2	10.6	4.7	15.8	14.1	6.3
Sepsis	31	19.4	28.6	*	29.0	36.8	*	35.5	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	46	2.2	4.8	*	6.5	8.4	*	6.5	11.4	*
Carotid Endarterectomy	33	6.1	1.4	*	9.1	2.7	*	12.1	3.9	*
Hip Replacement/Reconstruction	42	7.1	3.9	*	9.5	7.3	*	9.5	9.9	*
Open Reduction of Hip Fracture	27	3.7	5.2	*	14.8	10.3	*	22.2	14.0	*
Prostatectomy	106	0.9	0.7	0.9	2.8	1.7	1.9	2.8	2.9	1.9
Cholecystectomy	61	4.9	1.8	2.5	6.6	3.3	3.0	9.8	4.4	3.8
Hysterectomy	30	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTH CAROLINA BAPTIST HOSPITALS

300 S Hawthorne Rd
Winston-Salem, NC 27103

Medicare Provider Number: 340047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,120	9.3	10.2	0.6	15.8	16.0	1.0	19.4	20.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	166	24.7	25.8	3.5	28.9	29.1	3.7	31.9	32.4	3.8
Congestive Heart Failure	149	11.4	15.2	3.7	18.1	23.5	4.9	21.5	30.4	6.2
Pneumonia/Influenza	51	25.5	15.3	7.3	29.4	21.0	7.2	33.3	25.3	7.4
Chronic Obstructive Pulmonary Disease	13	15.4	7.4	*	23.1	13.8	*	30.8	19.1	*
Transient Cerebral Ischemia	22	0.0	2.1	*	0.0	4.5	*	0.0	7.1	*
Stroke	97	22.7	25.2	5.0	38.1	31.5	5.5	41.2	36.1	6.4
Hip Fracture	54	3.7	7.1	4.7	7.4	12.3	7.0	7.4	15.7	8.3
Sepsis	62	38.7	28.4	8.1	51.6	37.5	8.6	61.3	43.6	9.2
PROCEDURES:										
Angioplasty	62	4.8	5.5	2.9	4.8	6.6	3.8	8.1	8.0	3.7
Coronary Artery Bypass Graft	180	3.9	5.8	3.2	6.7	8.6	3.9	7.8	10.5	4.6
Initial Pacemaker Insertion	39	2.6	3.4	*	2.6	6.2	*	5.1	9.0	*
Carotid Endarterectomy	32	3.1	1.6	*	3.1	3.0	*	3.1	4.5	*
Hip Replacement/Reconstruction	63	1.6	4.3	3.6	4.8	8.2	5.6	6.3	11.3	6.7
Open Reduction of Hip Fracture	23	4.3	5.9	*	4.3	10.5	*	4.3	13.5	*
Prostatectomy	77	0.0	1.3	1.7	2.6	3.2	2.7	3.9	5.4	3.4
Cholecystectomy	47	4.3	4.3	*	12.8	8.2	*	19.1	11.3	*
Hysterectomy	44	0.0	2.5	*	2.3	5.4	*	4.5	7.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	693
Occupancy Rate	85
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	317
Percent of Physicians Board Certified Specialists	97
Medical Residents/Interns	383
Registered Nurses	872
Licensed Practical Nurses	246

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

NORTH CAROLINA BAPTIST HOSPITALS

Medicare Provider Number: 340047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,057	9.9	10.2	0.8	15.8	15.8	1.0	20.1	20.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	148	22.3	26.2	6.1	27.7	29.6	5.1	32.4	33.2	4.0
Congestive Heart Failure	87	26.4	17.0	5.8	40.2	25.9	7.4	47.1	33.0	7.9
Pneumonia/Influenza	51	11.8	17.6	6.7	17.6	24.1	7.1	29.4	29.0	6.7
Chronic Obstructive Pulmonary Disease	19	15.8	10.4	*	15.8	15.6	*	26.3	19.8	*
Transient Cerebral Ischemia	34	2.9	2.5	*	8.8	5.4	*	11.8	8.2	*
Stroke	115	23.5	23.5	4.3	31.3	29.4	4.4	40.0	33.8	5.9
Hip Fracture	59	6.8	7.3	3.4	10.2	12.8	4.9	15.3	16.2	4.9
Sepsis	44	43.2	29.8	*	45.5	37.7	*	52.3	43.5	*
PROCEDURES:										
Angioplasty	69	2.9	4.9	3.8	2.9	6.1	4.3	2.9	7.5	5.1
Coronary Artery Bypass Graft	157	5.1	7.3	2.8	7.0	10.1	3.9	7.0	11.9	4.0
Initial Pacemaker Insertion	25	4.0	6.6	*	4.0	10.0	*	8.0	13.2	*
Carotid Endarterectomy	42	0.0	1.9	*	0.0	3.7	*	2.4	5.5	*
Hip Replacement/Reconstruction	64	4.7	4.5	4.0	7.8	8.8	4.5	10.9	11.9	4.3
Open Reduction of Hip Fracture	20	5.0	6.1	*	5.0	11.0	*	10.0	14.1	*
Prostatectomy	76	0.0	1.5	2.0	1.3	3.7	3.1	1.3	6.0	4.8
Cholecystectomy	61	4.9	4.5	3.0	8.2	8.1	4.1	9.8	10.6	4.5
Hysterectomy	45	4.4	3.4	*	8.9	6.9	*	11.1	9.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,964	8.9	9.8	0.7	14.6	15.5	0.7	19.2	19.7	0.7
CONDITIONS:										
Acute Myocardial Infarction	114	26.3	28.3	6.1	28.9	31.4	6.4	31.6	34.8	6.5
Congestive Heart Failure	85	16.5	16.5	5.5	27.1	25.2	4.8	40.0	32.2	6.5
Pneumonia/Influenza	57	24.6	18.2	8.1	36.8	24.8	8.5	40.4	30.0	10.7
Chronic Obstructive Pulmonary Disease	15	13.3	6.0	*	20.0	10.5	*	20.0	14.3	*
Transient Cerebral Ischemia	44	0.0	2.3	*	0.0	4.6	*	2.3	7.1	*
Stroke	82	17.1	23.5	7.0	25.6	29.8	6.4	29.3	34.2	7.0
Hip Fracture	56	7.1	7.8	4.3	8.9	13.1	5.9	14.3	16.4	5.5
Sepsis	29	44.8	37.4	*	51.7	45.0	*	55.2	51.4	*
PROCEDURES:										
Angioplasty	53	3.8	5.6	3.4	7.5	6.7	3.5	7.5	8.1	3.9
Coronary Artery Bypass Graft	193	4.7	7.0	3.7	6.7	9.6	4.5	8.8	11.2	4.6
Initial Pacemaker Insertion	35	0.0	3.7	*	0.0	7.3	*	2.9	10.6	*
Carotid Endarterectomy	34	0.0	1.9	*	0.0	3.5	*	0.0	5.1	*
Hip Replacement/Reconstruction	61	8.2	4.2	4.2	8.2	7.6	3.7	11.5	10.0	4.2
Open Reduction of Hip Fracture	20	5.0	7.6	*	10.0	13.4	*	15.0	16.8	*
Prostatectomy	62	1.6	1.9	1.8	3.2	4.4	3.0	6.5	7.2	4.5
Cholecystectomy	40	0.0	5.9	*	10.0	9.8	*	12.5	12.1	*
Hysterectomy	39	0.0	1.8	*	12.8	3.7	*	12.8	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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a medical center ministering with skill and understanding

NORTH CAROLINA

BAPTIST HOSPITALS, Inc.

300 SOUTH HAWTHORNE ROAD, WINSTON-SALEM, NORTH CAROLINA 27103
Medicare Provider #340047

COMMENTS ON MEDICARE HOSPITAL MORTALITY INFORMATION
1989

North Carolina Baptist Hospitals, Inc. (NCBH) is an 806-bed tertiary referral center associated with Bowman Gray School of Medicine of Wake Forest University. NCBH has the designation of: Level I Trauma Center, Level III Neonatal Intensive Care Unit, NIH National Stroke Center, and an NCI Comprehensive Cancer Center.

The leadership of NCBH, both medical and administrative, has reviewed the HCFA 1989 Medicare Mortality Information. The following comments are submitted for publication:

1.) Four diagnoses and two procedures were reviewed in detail. The review indicated that in all six areas if deaths occurring after discharge were deleted from the observed deaths, all diagnoses and procedures would be at or below the expected mortality rates.

2.) The HCFA expected and predicted mortality rates did not end at 180 days post discharge. Deaths reviewed occurred from one to fifteen months post discharge.

3.) Of the deaths occurring at our institution in the six categories reviewed, seventy-one percent (71%) were "no code-do not resuscitate" status.

4.) In the category of sepsis, we reviewed all deaths occurring after discharge. None of these deaths were related to the septic episode of the previous or preceding admissions.

5.) The degree of co-morbid conditions in the patients reviewed was extreme compared to the average patient. Of the deaths observed at NCBH, thirty-nine percent (39%) had secondary oncologic diseases or end-stage renal disease.

North Carolina Baptist Hospitals, Inc., appreciates the opportunity to present our comments on the Medicare Mortality Information as we welcome any opportunity to improve patient care.

January 11, 1991

NORTHERN HOSPITAL OF SURRY COUNTY

830 Rockford St
Mount Airy, NC 27030

Medicare Provider Number: 340003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,297	8.3	9.0	1.6	12.3	13.5	1.8	15.8	17.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	48	20.8	26.0	*	25.0	29.1	*	25.0	32.2	*
Congestive Heart Failure	83	15.7	15.8	4.1	25.3	24.5	4.8	33.7	31.6	6.4
Pneumonia/Influenza	78	11.5	15.4	7.4	14.1	20.8	9.4	17.9	25.0	10.8
Chronic Obstructive Pulmonary Disease	17	5.9	6.8	*	23.5	12.9	*	29.4	18.4	*
Transient Cerebral Ischemia	27	0.0	2.5	*	0.0	5.8	*	7.4	9.3	*
Stroke	50	28.0	22.6	*	34.0	29.7	*	38.0	34.3	*
Hip Fracture	38	0.0	8.4	*	2.6	14.5	*	5.3	18.1	*
Sepsis	5	40.0	33.6	*	40.0	44.0	*	60.0	51.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.5	*	0.0	4.9	*	0.0	7.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	6.6	*	0.0	12.3	*	4.5	16.0	*
Open Reduction of Hip Fracture	20	0.0	7.4	*	5.0	13.0	*	10.0	16.4	*
Prostatectomy	42	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy	42	0.0	3.1	*	4.8	5.2	*	7.1	6.5	*
Hysterectomy	17	0.0	0.4	*	0.0	1.1	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	129
Occupancy Rate	59
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	121
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHERN HOSPITAL OF SURRY COUNTY

Medicare Provider Number: 340003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,346	6.7	9.0	1.1	10.7	13.5	1.3	13.9	17.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	46	17.4	26.7	*	23.9	29.7	*	26.1	32.9	*
Congestive Heart Failure	89	13.5	15.3	6.2	21.3	23.0	6.6	27.0	29.6	6.7
Pneumonia/Influenza	85	12.9	16.0	5.1	16.5	21.5	6.5	18.8	25.7	8.8
Chronic Obstructive Pulmonary Disease	20	5.0	5.5	*	15.0	9.5	*	15.0	13.1	*
Transient Cerebral Ischemia	24	0.0	2.1	*	4.2	4.4	*	8.3	6.9	*
Stroke	57	17.5	21.0	5.9	19.3	27.4	7.6	21.1	31.9	8.7
Hip Fracture	42	4.8	8.0	*	14.3	14.3	*	21.4	17.8	*
Sepsis	12	25.0	32.5	*	33.3	41.1	*	41.7	47.4	*
PROCEDURES:										
Angioplasty	1	0.0	2.8	*	0.0	6.5	*	0.0	9.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.9	*	0.0	7.2	*	16.7	10.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	3.6	5.2	*	14.3	9.9	*	25.0	12.6	*
Open Reduction of Hip Fracture	16	6.3	8.7	*	18.8	15.9	*	18.8	20.2	*
Prostatectomy	41	0.0	1.0	*	2.4	2.4	*	4.9	3.9	*
Cholecystectomy	56	0.0	3.6	4.3	1.8	6.5	5.6	5.4	8.4	4.6
Hysterectomy	14	0.0	1.2	*	0.0	2.7	*	0.0	4.2	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,255	8.8	10.2	1.0	13.5	14.9	1.1	16.1	18.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	58	27.6	31.0	7.0	34.5	34.1	7.0	34.5	37.3	8.5
Congestive Heart Failure	72	23.6	18.5	6.9	36.1	27.1	8.1	37.5	34.2	6.2
Pneumonia/Influenza	57	12.3	17.8	8.0	17.5	23.9	7.3	21.1	28.3	7.8
Chronic Obstructive Pulmonary Disease	26	11.5	8.6	*	26.9	15.5	*	34.6	21.2	*
Transient Cerebral Ischemia	35	5.7	2.7	*	5.7	5.9	*	11.4	9.3	*
Stroke	55	25.5	24.0	10.4	38.2	31.2	9.2	38.2	35.9	7.3
Hip Fracture	32	6.3	7.7	*	12.5	13.7	*	21.9	17.6	*
Sepsis	13	0.0	29.5	*	15.4	39.4	*	15.4	45.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	2.8	*	0.0	4.9	*	0.0	6.6	*
Initial Pacemaker Insertion	10	20.0	5.8	*	20.0	10.5	*	20.0	13.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	9.1	4.7	*	13.6	9.0	*	18.2	12.1	*
Open Reduction of Hip Fracture	14	0.0	7.6	*	7.1	14.0	*	14.3	17.8	*
Prostatectomy	29	0.0	1.5	*	0.0	3.5	*	0.0	5.5	*
Cholecystectomy	57	7.0	5.8	3.3	10.5	9.8	4.2	10.5	12.1	4.6
Hysterectomy	25	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ONSLOW MEMORIAL HOSPITAL

317 Western Boulevard
Jacksonville, NC 28540

Medicare Provider Number: 340042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	984	10.6	10.7	1.0	15.4	15.6	1.2	18.4	19.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	34	41.2	33.3	*	44.1	36.5	*	50.0	39.9	*
Congestive Heart Failure	69	7.2	15.3	5.5	11.6	22.8	7.2	14.5	29.4	8.6
Pneumonia/Influenza	70	21.4	15.7	9.0	28.6	21.4	12.0	32.9	26.0	12.5
Chronic Obstructive Pulmonary Disease	6	33.3	12.7	*	50.0	18.6	*	50.0	23.9	*
Transient Cerebral Ischemia	15	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	40	20.0	21.0	*	27.5	27.0	*	37.5	31.6	*
Hip Fracture	23	21.7	7.1	*	26.1	11.8	*	30.4	14.6	*
Sepsis	11	18.2	34.4	*	36.4	43.9	*	36.4	50.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.9	*	0.0	7.5	*	0.0	10.9	*
Carotid Endarterectomy	1	0.0	1.7	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	12	8.3	5.0	*	16.7	9.1	*	16.7	11.7	*
Open Reduction of Hip Fracture	14	21.4	5.4	*	28.6	9.4	*	35.7	12.0	*
Prostatectomy	37	2.7	1.0	*	2.7	2.4	*	2.7	4.1	*
Cholecystectomy	14	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	6	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	117
Occupancy Rate	78
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	153
Licensed Practical Nurses	74

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ONSLOW MEMORIAL HOSPITAL

Medicare Provider Number: 340042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	879	10.4	11.3	1.4	16.3	16.1	1.4	21.0	19.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	31	41.9	28.4	*	41.9	32.0	*	41.9	35.7	*
Congestive Heart Failure	53	17.0	14.3	5.6	24.5	20.8	6.3	34.0	26.7	10.6
Pneumonia/Influenza	74	9.5	18.1	7.8	20.3	24.0	6.0	25.7	28.7	6.1
Chronic Obstructive Pulmonary Disease	6	16.7	6.4	*	16.7	10.7	*	16.7	14.7	*
Transient Cerebral Ischemia	9	0.0	2.1	*	11.1	4.3	*	11.1	6.7	*
Stroke	38	13.2	23.4	*	21.1	29.6	*	39.5	34.4	*
Hip Fracture	22	0.0	6.9	*	4.5	11.6	*	13.6	14.5	*
Sepsis	14	35.7	27.9	*	57.1	34.7	*	57.1	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.9	*	0.0	5.3	*	50.0	7.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	6.0	*	9.1	12.6	*	18.2	18.0	*
Open Reduction of Hip Fracture	15	0.0	5.8	*	6.7	10.4	*	13.3	13.2	*
Prostatectomy	18	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	24	0.0	3.4	*	0.0	6.1	*	4.2	7.8	*
Hysterectomy	4	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	813	10.9	10.6	1.5	16.2	15.2	1.5	21.0	18.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	34	26.5	28.3	*	26.5	30.7	*	26.5	33.7	*
Congestive Heart Failure	46	8.7	15.1	*	21.7	21.8	*	30.4	27.8	*
Pneumonia/Influenza	53	13.2	15.3	5.4	20.8	20.9	6.5	30.2	25.5	7.3
Chronic Obstructive Pulmonary Disease	17	17.6	11.3	*	23.5	20.1	*	29.4	26.1	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.7	*	0.0	5.9	*
Stroke	36	22.2	23.6	*	25.0	29.0	*	27.8	33.4	*
Hip Fracture	29	10.3	7.5	*	17.2	12.9	*	20.7	16.4	*
Sepsis	14	35.7	37.6	*	35.7	44.5	*	50.0	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	*	0.0	4.6	*	0.0	6.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	8.5	*	28.6	14.4	*	42.9	17.9	*
Open Reduction of Hip Fracture	17	0.0	6.3	*	11.8	11.5	*	11.8	14.9	*
Prostatectomy	12	0.0	0.7	*	0.0	1.7	*	16.7	2.8	*
Cholecystectomy	14	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ORTHOPAEDIC HOSPITAL OF CHARLOTTE

1901 Randolph Rd
Charlotte, NC 28207

Medicare Provider Number: 340153

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	747	1.1	1.1	0.5	1.7	2.1	0.6	2.8	2.9	0.6
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	1	0.0	4.9	*	0.0	8.8	*	0.0	12.4	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	67	6.0	3.4	2.9	6.0	6.4	3.0	7.5	8.6	3.6
Sepsis	1	0.0	20.6	*	0.0	29.0	*	0.0	33.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	174	1.1	1.1	0.8	1.1	2.2	1.4	2.3	3.1	1.9
Open Reduction of Hip Fracture	30	6.7	2.9	*	6.7	5.6	*	6.7	7.5	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	116
Occupancy Rate	46
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	24
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ORTHOPAEDIC HOSPITAL OF CHARLOTTE

Medicare Provider Number: 340153

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	759	1.4	1.1	0.7	2.5	2.1	0.8	3.3	3.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	78	3.8	3.9	2.2	9.0	7.6	3.3	10.3	10.3	3.4
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	204	1.5	0.8	1.2	2.9	1.7	1.8	3.4	2.4	2.1
Open Reduction of Hip Fracture	38	2.6	3.7	*	2.6	7.3	*	2.6	9.9	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	699	1.0	1.1	0.7	2.3	2.2	0.6	3.0	3.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	1	0.0	16.0	*	0.0	23.7	*	0.0	29.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	64	1.6	3.0	2.6	6.3	6.1	3.1	9.4	8.4	4.0
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	182	0.5	0.9	1.3	2.7	1.8	1.8	3.3	2.5	2.2
Open Reduction of Hip Fracture	21	0.0	2.7	*	4.8	5.6	*	9.5	7.8	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OUR COMMUNITY HOSPITAL

708 House Avenue
Scotland Neck, NC 27874

Medicare Provider Number: 340122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	51	19.6	13.3	8.3	31.4	19.0	9.3	33.3	23.5	9.7
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	32.2	*	50.0	36.5	*	50.0	41.1	*
Congestive Heart Failure	6	16.7	15.6	*	16.7	24.9	*	16.7	32.5	*
Pneumonia/Influenza	6	33.3	21.8	*	50.0	28.8	*	50.0	34.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	12	25.0	16.9	*	50.0	23.1	*	58.3	27.2	*
Hip Fracture	0									
Sepsis	3	33.3	23.5	*	33.3	29.0	*	33.3	33.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	20
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OUR COMMUNITY HOSPITAL

Medicare Provider Number: 340122

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	18.4	16.5	*	20.4	24.0	*	20.4	29.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	9	22.2	13.8	*	33.3	21.4	*	33.3	27.8	*
Pneumonia/Influenza	6	16.7	17.7	*	16.7	23.7	*	16.7	28.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.4	*	0.0	8.7	*
Stroke	4	25.0	23.2	*	25.0	27.2	*	25.0	30.6	*
Hip Fracture	0									
Sepsis	2	0.0	26.6	*	0.0	36.7	*	0.0	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	48	22.9	15.9	*	27.1	23.2	*	31.3	28.9	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	32.9	*	50.0	36.6	*	50.0	40.7	*
Congestive Heart Failure	4	0.0	19.2	*	0.0	29.9	*	0.0	38.6	*
Pneumonia/Influenza	9	44.4	17.8	*	44.4	23.9	*	44.4	29.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	20.0	16.4	*	20.0	23.2	*	20.0	27.7	*
Hip Fracture	0									
Sepsis	1	0.0	7.8	*	0.0	11.2	*	0.0	14.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PARK RIDGE HOSPITAL

Naples Rd Box 1569
Fletcher, NC 28732

Medicare Provider Number: 340023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	580	11.6	12.1	1.4	17.1	17.5	1.7	19.3	21.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	29.8	*	41.7	33.6	*	45.8	37.1	*
Congestive Heart Failure	25	20.0	18.0	*	24.0	27.6	*	28.0	34.9	*
Pneumonia/Influenza	40	12.5	17.1	*	15.0	23.0	*	17.5	27.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.1	*	0.0	10.9	*	0.0	16.3	*
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	22	40.9	31.7	*	40.9	38.3	*	40.9	43.0	*
Hip Fracture	20	5.0	8.9	*	10.0	15.3	*	15.0	19.2	*
Sepsis	4	0.0	31.9	*	25.0	42.2	*	25.0	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	42.9	5.2	*	42.9	9.2	*	42.9	12.9	*
Carotid Endarterectomy	1	0.0	1.9	*	0.0	3.7	*	0.0	5.9	*
Hip Replacement/Reconstruction	18	0.0	5.8	*	0.0	10.4	*	5.6	13.3	*
Open Reduction of Hip Fracture	6	16.7	8.6	*	33.3	14.9	*	33.3	18.6	*
Prostatectomy	23	0.0	1.1	*	8.7	2.8	*	8.7	4.7	*
Cholecystectomy	13	0.0	3.1	*	0.0	5.6	*	0.0	7.2	*
Hysterectomy	3	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	103
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	78
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PARK RIDGE HOSPITAL

Medicare Provider Number: 340023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	594	10.9	10.8	1.5	14.6	15.8	2.0	18.0	19.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	22.3	*	26.9	26.5	*	34.6	30.3	*
Congestive Heart Failure	26	19.2	17.9	*	23.1	26.8	*	23.1	34.1	*
Pneumonia/Influenza	44	13.6	18.3	*	18.2	24.6	*	25.0	29.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	15.2	*	20.0	25.3	*	40.0	33.7	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.1	*	0.0	4.7	*
Stroke	27	22.2	24.9	*	22.2	30.6	*	29.6	35.1	*
Hip Fracture	14	7.1	6.8	*	7.1	12.3	*	14.3	15.9	*
Sepsis	7	28.6	25.9	*	42.9	38.9	*	42.9	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.2	*	0.0	7.7	*	0.0	10.8	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	13	7.7	4.5	*	7.7	8.5	*	7.7	11.1	*
Open Reduction of Hip Fracture	5	0.0	5.8	*	0.0	10.8	*	20.0	14.1	*
Prostatectomy	31	0.0	1.0	*	0.0	2.2	*	0.0	3.5	*
Cholecystectomy	9	0.0	2.0	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy	6	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	583	10.6	10.4	1.4	16.8	15.6	2.0	20.1	19.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	25.2	*	43.5	28.9	*	43.5	32.7	*
Congestive Heart Failure	27	14.8	18.3	*	29.6	27.8	*	33.3	35.0	*
Pneumonia/Influenza	33	15.2	20.8	*	21.2	27.7	*	21.2	32.9	*
Chronic Obstructive Pulmonary Disease	11	9.1	12.7	*	27.3	23.1	*	36.4	31.5	*
Transient Cerebral Ischemia	9	0.0	2.0	*	0.0	4.2	*	0.0	6.6	*
Stroke	22	27.3	28.1	*	36.4	35.2	*	54.5	40.4	*
Hip Fracture	19	5.3	5.8	*	10.5	10.9	*	10.5	14.5	*
Sepsis	5	20.0	20.6	*	40.0	29.6	*	60.0	35.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.8	*	40.0	8.8	*	40.0	13.7	*
Carotid Endarterectomy	4	0.0	1.8	*	25.0	3.7	*	25.0	5.5	*
Hip Replacement/Reconstruction	10	0.0	3.5	*	10.0	6.3	*	10.0	8.4	*
Open Reduction of Hip Fracture	10	0.0	5.6	*	0.0	11.1	*	0.0	15.2	*
Prostatectomy	21	0.0	1.4	*	4.8	3.6	*	4.8	6.2	*
Cholecystectomy	18	0.0	3.7	*	0.0	6.0	*	0.0	7.3	*
Hysterectomy	4	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PENDER MEMORIAL HOSPITAL

507 Freemont St
Burgaw, NC 28425

Medicare Provider Number: 340093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	495	8.5	9.1	1.4	13.1	13.9	1.9	17.2	17.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	23.4	*	66.7	26.3	*	66.7	29.9	*
Congestive Heart Failure	29	13.8	13.6	*	27.6	21.4	*	37.9	27.9	*
Pneumonia/Influenza	30	13.3	12.6	*	16.7	17.7	*	20.0	21.6	*
Chronic Obstructive Pulmonary Disease	11	9.1	4.2	*	9.1	9.0	*	9.1	13.6	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.6	*	0.0	7.5	*
Stroke	17	5.9	17.8	*	11.8	22.7	*	11.8	26.8	*
Hip Fracture	0									
Sepsis	2	50.0	28.1	*	50.0	33.3	*	50.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	3.8	*	50.0	7.5	*	50.0	11.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	4.1	*	0.0	11.8	*	100.0	22.0	*
Cholecystectomy	14	0.0	3.8	*	0.0	6.1	*	0.0	7.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	66
Occupancy Rate	70
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PENDER MEMORIAL HOSPITAL

Medicare Provider Number: 340093

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	469	7.5	9.3	2.2	12.2	13.9	2.6	15.4	17.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	22.8	*	14.3	25.6	*	14.3	29.1	*
Congestive Heart Failure	35	8.6	14.4	*	20.0	22.3	*	28.6	29.0	*
Pneumonia/Influenza	35	11.4	16.8	*	20.0	22.6	*	22.9	27.1	*
Chronic Obstructive Pulmonary Disease	4	50.0	15.7	*	50.0	24.9	*	50.0	31.8	*
Transient Cerebral Ischemia	12	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	19	5.3	20.7	*	5.3	26.5	*	15.8	31.2	*
Hip Fracture	0									
Sepsis	4	25.0	22.6	*	25.0	28.6	*	50.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.7	*	0.0	9.2	*	0.0	12.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.5	*	20.0	2.5	*	20.0	3.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	495	8.1	9.3	1.7	12.5	13.5	2.1	15.8	17.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	20	50.0	29.2	*	50.0	32.6	*	50.0	36.4	*
Congestive Heart Failure	32	6.3	12.0	*	18.8	18.4	*	28.1	24.3	*
Pneumonia/Influenza	39	12.8	16.6	*	17.9	22.4	*	20.5	27.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	6.7	*	0.0	12.0	*	0.0	17.1	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	24	8.3	17.3	*	12.5	22.6	*	12.5	27.0	*
Hip Fracture	0									
Sepsis	5	0.0	28.1	*	20.0	39.0	*	40.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.9	*	0.0	2.1	*	0.0	3.3	*
Cholecystectomy	14	0.0	4.1	*	7.1	6.2	*	7.1	7.4	*
Hysterectomy	4	0.0	1.6	*	0.0	3.3	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PERSON COUNTY MEMORIAL HOSPITAL

615 Ridge Rd
Roxboro, NC 27573

Medicare Provider Number: 340159

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	391	13.3	13.9	2.4	18.4	19.9	2.4	24.3	24.3	2.2
CONDITIONS:										
Acute Myocardial Infarction	20	40.0	30.5	*	45.0	33.6	*	50.0	37.1	*
Congestive Heart Failure	34	5.9	13.7	*	17.6	20.7	*	23.5	26.7	*
Pneumonia/Influenza	35	17.1	15.7	*	20.0	21.3	*	28.6	25.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	6	0.0	3.7	*	16.7	9.3	*	16.7	15.3	*
Stroke	19	15.8	21.5	*	21.1	28.3	*	31.6	32.8	*
Hip Fracture	0									
Sepsis	2	0.0	28.4	*	0.0	38.8	*	0.0	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	0.0	1.4	*	0.0	2.4	*	12.5	3.2	*
Hysterectomy	2	0.0	2.1	*	0.0	5.0	*	0.0	7.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	73
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PERSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 340159

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	365	13.4	14.1	2.5	17.8	19.7	3.5	22.2	23.8	3.9
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	27.0	*	40.0	30.1	*	40.0	33.5	*
Congestive Heart Failure	38	23.7	15.9	*	26.3	23.5	*	31.6	29.9	*
Pneumonia/Influenza	28	28.6	19.0	*	32.1	25.2	*	32.1	30.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	12.6	*	20.0	18.0	*	20.0	22.8	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	15	13.3	23.2	*	20.0	29.6	*	33.3	34.4	*
Hip Fracture	1	0.0	7.9	*	0.0	15.2	*	100.0	20.0	*
Sepsis	3	33.3	30.8	*	33.3	41.4	*	66.7	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	16.7	1.3	*	16.7	2.2	*	16.7	2.8	*
Hysterectomy	3	0.0	2.3	*	0.0	4.7	*	0.0	6.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	338	14.2	12.8	3.5	19.5	18.1	4.4	24.9	22.3	4.3
CONDITIONS:										
Acute Myocardial Infarction	17	17.6	30.0	*	17.6	32.7	*	23.5	36.0	*
Congestive Heart Failure	25	20.0	15.4	*	28.0	23.2	*	36.0	29.6	*
Pneumonia/Influenza	29	31.0	22.2	*	48.3	29.5	*	51.7	34.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	10	0.0	2.9	*	10.0	6.1	*	10.0	9.8	*
Stroke	17	17.6	26.5	*	29.4	32.4	*	29.4	36.9	*
Hip Fracture	0									
Sepsis	2	100.0	37.6	*	100.0	46.0	*	100.0	54.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.8	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	5	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PITT COUNTY MEMORIAL HOSPITAL

200 Stantonsburg Rd Box 6028
Greenville, NC 27834

Medicare Provider Number: 340040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	3,695	9.6	8.8	0.8	14.3	13.4	0.8	17.8	16.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	106	26.4	27.3	4.6	28.3	30.6	4.9	33.0	33.9	4.8
Congestive Heart Failure	153	15.7	12.8	3.5	21.6	20.0	3.5	30.1	26.2	4.5
Pneumonia/Influenza	108	20.4	17.6	4.8	33.3	23.7	6.0	36.1	28.5	5.5
Chronic Obstructive Pulmonary Disease	35	8.6	7.5	*	14.3	12.3	*	17.1	16.7	*
Transient Cerebral Ischemia	33	0.0	1.7	*	0.0	3.8	*	3.0	6.1	*
Stroke	149	18.8	20.5	4.9	23.5	26.3	5.4	29.5	30.4	4.1
Hip Fracture	86	5.8	7.7	3.4	9.3	12.8	5.3	9.3	16.0	6.2
Sepsis	40	25.0	24.3	*	30.0	32.1	*	40.0	38.1	*
PROCEDURES:										
Angioplasty	121	5.0	4.0	2.0	5.8	5.1	2.1	6.6	6.3	2.2
Coronary Artery Bypass Graft	141	5.0	5.9	2.8	6.4	8.4	3.3	8.5	9.9	3.1
Initial Pacemaker Insertion	31	0.0	2.8	*	0.0	5.4	*	3.2	7.9	*
Carotid Endarterectomy	25	0.0	1.4	*	0.0	2.6	*	0.0	3.6	*
Hip Replacement/Reconstruction	90	0.0	3.3	*	0.0	5.7	*	0.0	7.2	*
Open Reduction of Hip Fracture	36	13.9	7.4	*	22.2	13.1	*	22.2	16.6	*
Prostatectomy	100	4.0	1.3	1.6	8.0	2.8	2.7	12.0	4.4	3.6
Cholecystectomy	70	1.4	2.2	2.3	5.7	3.9	3.0	7.1	5.0	3.9
Hysterectomy	30	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	543
Occupancy Rate	86
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	318
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

PITT COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 340040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,599	10.4	9.1	0.6	15.6	13.9	0.8	19.5	17.6	0.8
CONDITIONS:										
Acute Myocardial Infarction	126	28.6	27.2	4.2	30.2	30.5	4.2	32.5	34.0	4.3
Congestive Heart Failure	117	17.1	14.4	3.8	21.4	21.8	3.8	25.6	28.0	4.4
Pneumonia/Influenza	113	22.1	14.5	6.0	28.3	19.7	5.6	31.0	23.9	5.2
Chronic Obstructive Pulmonary Disease	20	20.0	9.6	*	30.0	17.3	*	30.0	23.8	*
Transient Cerebral Ischemia	32	3.1	2.2	*	6.3	4.6	*	15.6	7.2	*
Stroke	152	26.3	22.1	4.8	32.9	28.2	6.4	36.8	32.7	6.2
Hip Fracture	86	2.3	6.5	3.4	5.8	11.3	4.7	12.8	14.2	6.8
Sepsis	36	41.7	25.1	*	52.8	35.3	*	58.3	42.0	*
PROCEDURES:										
Angioplasty	87	9.2	5.4	3.7	10.3	6.5	4.1	12.6	7.7	4.7
Coronary Artery Bypass Graft	105	2.9	6.0	3.2	4.8	8.3	3.5	5.7	9.9	3.8
Initial Pacemaker Insertion	31	9.7	4.1	*	9.7	7.4	*	12.9	10.4	*
Carotid Endarterectomy	25	4.0	1.8	*	4.0	3.3	*	4.0	4.8	*
Hip Replacement/Reconstruction	88	0.0	2.7	2.6	3.4	4.9	3.2	5.7	6.4	3.0
Open Reduction of Hip Fracture	42	2.4	6.1	*	2.4	11.1	*	9.5	14.2	*
Prostatectomy	74	0.0	1.3	1.8	1.4	3.3	2.9	4.1	5.4	3.6
Cholecystectomy	92	3.3	2.3	1.8	5.4	4.2	2.7	5.4	5.6	2.5
Hysterectomy	59	1.7	1.0	1.5	1.7	2.2	2.1	3.4	3.3	2.3

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,335	11.5	10.2	0.6	17.2	15.2	0.8	21.5	19.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	128	27.3	29.5	4.3	32.0	32.6	4.4	34.4	36.0	4.4
Congestive Heart Failure	106	24.5	14.4	6.3	32.1	21.6	7.1	37.7	27.9	7.3
Pneumonia/Influenza	104	25.0	18.2	5.3	32.7	24.5	6.9	37.5	29.5	6.3
Chronic Obstructive Pulmonary Disease	18	16.7	12.1	*	22.2	19.2	*	33.3	24.5	*
Transient Cerebral Ischemia	37	0.0	2.0	*	5.4	4.1	*	8.1	6.3	*
Stroke	172	29.7	25.4	6.3	36.6	31.6	7.0	40.7	35.9	6.3
Hip Fracture	85	3.5	7.1	4.1	8.2	12.3	6.5	10.6	15.6	6.0
Sepsis	27	33.3	25.1	*	48.1	33.0	*	59.3	38.5	*
PROCEDURES:										
Angioplasty	16	6.3	8.7	*	6.3	9.9	*	6.3	11.4	*
Coronary Artery Bypass Graft	82	3.7	6.9	4.2	3.7	8.8	4.9	3.7	9.8	5.2
Initial Pacemaker Insertion	27	0.0	3.0	*	7.4	6.0	*	11.1	8.8	*
Carotid Endarterectomy	37	2.7	1.7	*	2.7	3.2	*	2.7	4.6	*
Hip Replacement/Reconstruction	70	1.4	3.2	2.8	2.9	6.1	4.0	4.3	8.2	4.3
Open Reduction of Hip Fracture	31	0.0	7.3	*	6.5	13.1	*	6.5	16.7	*
Prostatectomy	101	0.0	1.7	2.8	5.0	4.1	2.4	8.9	6.7	3.4
Cholecystectomy	74	2.7	3.7	2.3	8.1	6.6	3.4	8.1	8.7	3.3
Hysterectomy	38	5.3	1.5	*	5.3	3.2	*	5.3	4.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Pitt County Memorial Hospital, Inc.

IN THE EASTERN CAROLINA HEALTH PARK AT 2100 STANTONSBURG ROAD

PCMH

OFFICE OF THE
PRESIDENT

P.O. BOX 6028
GREENVILLE, N.C. 27835-6028
(919) 551-4583

Medicare Provider #34-0040

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Pitt County Memorial Hospital (PCMH) has received the hospital mortality data for Medicare patients. Several comments are necessary to respond to this data and new methodology.

First, PCMH provides health care services to twenty-nine (29) counties in eastern North Carolina as a tertiary rural, referral hospital. There are twenty (20) hospitals in this service area, although six (6) have less than fifty (50) beds and thirteen (13) have less than one hundred and fifty (150) beds. These counties depend upon PCMH for tertiary care and PCMH depends upon these hospitals for the provision of primary care.

Second, certain counties in the PCMH service area have a documented mortality rate higher than the state average for cardiovascular, cerebrovascular, chronic liver diseases and infant mortality. Further, North Carolina state mortality data indicate that the service area for PCMH had a higher incident rate of certain diseases related to but not necessarily the major cause of death. The incidences of diabetes, hypertension, atherosclerosis and septicemia as a mentioned cause of death are greater than the state average in most of the counties in eastern North Carolina.

Third, the methodology used by HCFA does account for certain comorbidities in its prediction of mortality, however the prediction does not consider the issue of whether or not a patient at PCMH had primary care delivered elsewhere. The methodology does not consider the death of patients being unrelated to the last hospitalization. Once a patient has been discharged from PCMH as a tertiary service hospital, the ability to track patient adherence to instructions is limited as well as the ability to determine if the patient continued follow up care with the primary care physician in the community.

PCMH is continuing in its process of reviewing the details of the data provided by HCFA. Unfortunately, the time frame given to respond to the data was not such to allow a thorough review. In the future, a longer response time would be appreciated.

Thank you for the opportunity to makes these comments.

Sincerely,

Dave McRae

Dave C. McRae
President

DCM/gg

PRESBYTERIAN HOSPITAL

200 Hawthorne Lane Box 33549
Charlotte, NC 28233

Medicare Provider Number: 340053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,304	9.1	9.1	0.4	14.4	13.5	0.6	17.9	17.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	258	21.7	27.0	3.3	26.4	30.2	3.2	29.1	33.7	3.2
Congestive Heart Failure	259	15.4	13.9	3.5	27.4	21.6	3.9	35.1	27.9	4.8
Pneumonia/Influenza	172	24.4	15.9	4.9	29.1	21.6	5.2	33.1	26.2	5.0
Chronic Obstructive Pulmonary Disease	34	2.9	5.9	*	5.9	11.5	*	14.7	16.5	*
Transient Cerebral Ischemia	39	5.1	1.8	*	5.1	3.8	*	5.1	6.0	*
Stroke	216	18.5	21.3	4.8	24.1	27.3	5.3	30.1	31.6	4.4
Hip Fracture	149	3.4	6.2	3.7	7.4	11.0	5.3	10.1	14.2	6.2
Sepsis	52	26.9	30.1	7.4	40.4	38.8	6.8	48.1	45.7	7.8
PROCEDURES:										
Angioplasty	71	4.2	3.8	3.5	4.2	4.7	4.3	5.6	5.8	4.3
Coronary Artery Bypass Graft	178	3.9	4.8	2.0	3.9	6.7	2.6	5.6	8.1	2.8
Initial Pacemaker Insertion	62	4.8	2.6	2.9	4.8	5.2	2.9	8.1	7.5	3.5
Carotid Endarterectomy	27	0.0	1.0	*	0.0	1.8	*	0.0	2.7	*
Hip Replacement/Reconstruction	77	3.9	5.5	3.7	7.8	9.5	4.7	10.4	12.5	4.0
Open Reduction of Hip Fracture	54	3.7	5.6	3.4	9.3	10.3	4.7	11.1	13.3	6.3
Prostatectomy	240	0.4	0.8	0.8	1.7	1.8	1.5	4.6	3.0	2.0
Cholecystectomy	149	0.7	2.5	2.1	3.4	4.5	2.8	4.7	6.0	3.0
Hysterectomy	97	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	589
Occupancy Rate	86
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	644
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	906
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PRESBYTERIAN HOSPITAL
Medicare Provider Number: 340053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,151	10.0	9.1	0.5	15.2	13.8	0.8	18.8	17.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	201	16.4	26.7	4.4	20.4	30.1	5.0	21.9	33.8	4.9
Congestive Heart Failure	218	18.3	14.9	2.8	28.0	22.8	3.6	36.7	29.4	4.6
Pneumonia/Influenza	194	17.0	16.1	2.8	23.2	22.0	3.5	27.3	26.8	3.3
Chronic Obstructive Pulmonary Disease	38	5.3	6.2	*	23.7	11.1	*	28.9	15.3	*
Transient Cerebral Ischemia	49	4.1	1.8	*	4.1	3.9	*	8.2	6.1	*
Stroke	241	20.3	21.4	2.8	24.1	27.9	3.8	27.4	32.5	4.5
Hip Fracture	128	7.0	6.6	2.2	12.5	11.9	3.0	16.4	15.4	3.5
Sepsis	17	58.8	34.0	*	70.6	45.1	*	76.5	53.7	*
PROCEDURES:										
Angioplasty	63	9.5	5.2	5.2	9.5	6.1	5.5	9.5	7.2	5.8
Coronary Artery Bypass Graft	129	1.6	5.5	2.5	2.3	7.9	3.2	3.1	9.4	3.6
Initial Pacemaker Insertion	59	3.4	4.8	3.2	5.1	7.8	5.2	6.8	10.5	6.9
Carotid Endarterectomy	30	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	59	6.8	4.1	3.8	10.2	7.9	6.3	15.3	10.4	7.9
Open Reduction of Hip Fracture	47	2.1	6.6	*	6.4	12.5	*	6.4	16.4	*
Prostatectomy	250	0.8	0.8	0.6	1.2	1.9	1.0	1.6	3.2	1.6
Cholecystectomy	156	1.3	2.5	1.6	1.9	4.6	2.5	3.2	6.3	3.0
Hysterectomy	67	1.5	0.5	1.2	3.0	1.0	2.1	3.0	1.4	2.7

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,937	9.6	8.3	0.5	14.3	12.6	0.6	17.8	16.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	195	29.7	29.4	3.3	32.3	32.7	3.5	35.4	36.3	3.6
Congestive Heart Failure	212	19.3	15.2	4.4	27.8	22.9	5.7	34.9	29.4	5.5
Pneumonia/Influenza	157	21.7	15.1	5.0	28.0	20.7	4.6	29.9	25.2	4.4
Chronic Obstructive Pulmonary Disease	44	20.5	5.7	*	25.0	10.8	*	29.5	15.3	*
Transient Cerebral Ischemia	42	2.4	1.8	*	7.1	3.9	*	7.1	6.2	*
Stroke	193	25.4	20.4	4.5	31.1	26.9	4.9	36.8	31.3	5.6
Hip Fracture	149	5.4	6.3	2.4	8.7	11.7	4.3	12.8	15.4	5.2
Sepsis	27	33.3	29.9	*	51.9	37.3	*	55.6	44.0	*
PROCEDURES:										
Angioplasty	63	4.8	4.4	2.7	4.8	5.4	3.0	6.3	6.6	3.1
Coronary Artery Bypass Graft	118	4.2	4.4	2.5	4.2	6.0	3.1	5.1	7.0	3.8
Initial Pacemaker Insertion	71	4.2	3.6	2.7	11.3	6.7	3.6	18.3	9.5	4.9
Carotid Endarterectomy	39	0.0	1.3	*	2.6	2.3	*	2.6	3.3	*
Hip Replacement/Reconstruction	61	4.9	4.6	2.8	8.2	8.6	3.7	9.8	11.4	4.6
Open Reduction of Hip Fracture	50	8.0	5.9	*	14.0	11.3	*	18.0	15.0	*
Prostatectomy	226	0.9	0.9	0.6	2.7	2.1	1.0	4.9	3.5	1.7
Cholecystectomy	166	4.2	2.8	2.2	6.0	4.8	2.0	6.6	6.2	2.2
Hysterectomy	62	1.6	0.9	1.5	1.6	1.9	1.8	1.6	2.8	2.3

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

187.1

200 Hawthorne Lane
Post Office Box 33549
Charlotte, NC 28233-3549
704/371-4000
704/384-4000 after September 1990

Presbyterian
Hospital

340053

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Presbyterian Hospital has received the 1989 mortality data for Medicare beneficiaries. We again appreciate this opportunity to review the information prior to public disclosure.

The hospital continues to maintain on-going Quality Assurance programs to review death records, both as individual occurrences and in aggregate studies. No unusual or disturbing trends have been identified, and the hospital's mortality rate remains within the predicted range.

The current HCFA data will be included in our monitoring programs. We had hoped to review records where death occurred one to two days after discharge. However, with the new method of assigning random discharge dates, this information is not as helpful for the purposes of our review. Discharge planning in all categories will be closely reviewed. In addition, the categories above standard deviation for the thirty day time period will be studied.

In reviewing the patient-specific listing, data discrepancies have been found. Hospital characteristics have been verified and updated as needed. See attached page.

Thank you for this current information. We will continue to strive for and provide quality patient care.

Sincerely,

Paul F. Betzold

Paul F. Betzold, FACHE
Executive Vice President & COO

cfa

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1989

TOTAL BEDS (#):	595
OCCUPANCY RATE (#):	88.9
OWNERSHIP/CONTROL:	PRIVATE, NON-PROFIT
STAFFING (AS OF DECEMBER 1990)	
TOTAL NUMBER OF PHYSICIANS:	683
PERCENT OF PHYSICIANS WHO ARE BOARD CERTIFIED SPECIALISTS:	85
MEDICAL RESIDENTS/INTERNS:	0
REGISTERED NURSES:	1,100
LICENSED PRACTICAL NURSES:	38

SPECIALTY SERVICES:	
BURN UNIT:	NO
CARDIAC INTENSIVE CARE:	YES
COMPREHENSIVE GERIATRIC ASSESSMENT:	NO
HOSPICE CARE:	YES
MEDICAL/SURGICAL INTENSIVE CARE:	YES
ORGAN/TISSUE TRANSPLANT:	NO
OTHER INTENSIVE CARE:	YES
REHABILITATION UNIT:	NO
TRAUMA CENTER:	NO

PRESBYTHERIAN SPECIALTY HOSPITAL

1600 E 3 St
Charlotte, NC 28204

Medicare Provider Number: 340009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	119	0.0	1.4	1.5	0.0	2.9	2.5	0.8	4.4	2.8
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	32
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PRESBYTHERIAN SPECIALTY HOSPITAL

Medicare Provider Number: 340009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	131	1.5	1.8	1.5	1.5	3.4	2.2	4.6	5.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	13.2	*	0.0	18.5	*	0.0	22.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	112	1.8	1.5	1.3	1.8	3.1	2.0	4.5	4.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PUNGO DISTRICT HOSPITAL

210 Front St
Belhaven, NC 27810

Medicare Provider Number: 340089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	303	11.2	10.6	2.8	18.5	15.8	3.7	22.1	20.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	31.3	*	36.4	34.1	*	36.4	37.6	*
Congestive Heart Failure	17	11.8	14.3	*	29.4	21.8	*	35.3	28.3	*
Pneumonia/Influenza	27	29.6	20.9	*	48.1	28.4	*	55.6	34.2	*
Chronic Obstructive Pulmonary Disease	12	16.7	11.4	*	16.7	18.4	*	16.7	24.0	*
Transient Cerebral Ischemia	10	0.0	4.5	*	30.0	11.2	*	40.0	18.3	*
Stroke	20	25.0	24.9	*	45.0	33.0	*	45.0	38.0	*
Hip Fracture	2	0.0	9.4	*	0.0	15.9	*	0.0	19.8	*
Sepsis	6	50.0	37.8	*	66.7	44.5	*	66.7	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	47
Occupancy Rate	92
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PUNGO DISTRICT HOSPITAL

Medicare Provider Number: 340089

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	309	11.3	11.3	2.0	16.5	16.7	2.3	21.7	21.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	30.9	*	45.5	34.1	*	45.5	38.0	*
Congestive Heart Failure	5	0.0	14.9	*	20.0	24.6	*	20.0	32.2	*
Pneumonia/Influenza	15	20.0	21.0	*	20.0	27.8	*	26.7	32.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	12.9	*	20.0	19.7	*	20.0	25.1	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	13	38.5	31.8	*	61.5	40.2	*	69.2	45.9	*
Hip Fracture	3	33.3	9.1	*	33.3	16.1	*	33.3	20.0	*
Sepsis	5	0.0	37.8	*	0.0	44.4	*	0.0	50.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	270	11.9	10.5	2.2	14.8	15.2	2.2	17.8	19.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	32.6	*	46.2	36.6	*	61.5	40.9	*
Congestive Heart Failure	16	18.8	18.0	*	18.8	26.4	*	31.3	33.4	*
Pneumonia/Influenza	8	12.5	15.0	*	25.0	20.7	*	25.0	25.5	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.2	*	20.0	10.3	*	20.0	14.2	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	3.8	*	0.0	5.9	*
Stroke	16	31.3	22.8	*	37.5	29.1	*	37.5	34.0	*
Hip Fracture	1	0.0	5.8	*	0.0	10.9	*	0.0	14.3	*
Sepsis	6	33.3	36.9	*	33.3	43.9	*	33.3	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	2	0.0	1.9	*	0.0	4.0	*	0.0	5.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RANDOLPH HOSPITAL

373 N Fayetteville St
Asheboro, NC 27203

Medicare Provider Number: 340123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,365	9.3	8.4	1.1	13.3	12.6	1.4	16.7	15.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	54	24.1	22.8	5.8	27.8	26.8	6.3	27.8	30.6	7.3
Congestive Heart Failure	77	11.7	13.9	5.9	16.9	21.6	7.9	23.4	28.2	9.6
Pneumonia/Influenza	52	23.1	17.0	8.8	26.9	22.8	7.2	28.8	27.4	6.8
Chronic Obstructive Pulmonary Disease	12	0.0	5.9	*	8.3	10.0	*	16.7	13.9	*
Transient Cerebral Ischemia	24	4.2	2.0	*	4.2	4.6	*	8.3	7.2	*
Stroke	59	30.5	18.7	7.7	40.7	24.9	9.4	44.1	29.2	8.9
Hip Fracture	50	4.0	6.5	*	10.0	11.8	*	14.0	15.3	*
Sepsis	23	0.0	19.0	*	4.3	25.1	*	8.7	29.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	35	0.0	4.1	*	2.9	8.0	*	5.7	10.9	*
Open Reduction of Hip Fracture	22	9.1	6.6	*	13.6	12.3	*	22.7	16.2	*
Prostatectomy	88	3.4	1.7	1.7	5.7	3.6	2.5	10.2	5.7	3.9
Cholecystectomy	33	0.0	2.4	*	0.0	4.1	*	3.0	5.2	*
Hysterectomy	10	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	145
Occupancy Rate	48
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	53
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	121
Licensed Practical Nurses	45

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RANDOLPH HOSPITAL

Medicare Provider Number: 340123

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,234	10.0	9.1	1.2	14.3	13.3	1.3	16.9	16.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	64	29.7	31.5	6.0	32.8	34.7	6.2	35.9	38.4	6.5
Congestive Heart Failure	65	10.8	13.5	6.3	18.5	20.4	5.7	24.6	26.6	6.0
Pneumonia/Influenza	49	14.3	16.6	*	24.5	22.4	*	26.5	26.8	*
Chronic Obstructive Pulmonary Disease	14	14.3	10.2	*	21.4	15.4	*	28.6	20.0	*
Transient Cerebral Ischemia	12	8.3	2.6	*	8.3	5.8	*	8.3	9.4	*
Stroke	50	22.0	20.4	*	40.0	26.7	*	46.0	31.2	*
Hip Fracture	62	12.9	6.9	5.1	17.7	12.4	5.2	17.7	15.6	5.5
Sepsis	11	27.3	24.5	*	36.4	33.5	*	36.4	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	35	5.7	4.1	*	11.4	8.3	*	17.1	11.3	*
Open Reduction of Hip Fracture	31	12.9	6.4	*	22.6	11.9	*	22.6	15.5	*
Prostatectomy	82	3.7	1.3	2.0	7.3	3.1	3.4	9.8	5.1	4.6
Cholecystectomy	32	3.1	2.3	*	3.1	3.8	*	12.5	4.8	*
Hysterectomy	5	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,158	8.2	10.1	1.2	12.7	14.4	1.4	15.5	17.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	64	25.0	34.8	6.5	29.7	38.4	7.0	35.9	42.1	6.5
Congestive Heart Failure	59	15.3	18.3	6.7	20.3	26.3	8.8	27.1	33.1	11.0
Pneumonia/Influenza	45	13.3	17.2	*	15.6	22.7	*	22.2	27.2	*
Chronic Obstructive Pulmonary Disease	16	0.0	5.1	*	6.3	9.9	*	12.5	14.2	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	59	18.6	22.7	7.4	28.8	29.0	5.9	33.9	33.7	6.3
Hip Fracture	56	5.4	6.1	3.3	10.7	10.9	4.9	14.3	14.1	4.7
Sepsis	6	0.0	28.9	*	0.0	35.0	*	0.0	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	30	13.3	5.6	*	16.7	10.3	*	16.7	13.5	*
Open Reduction of Hip Fracture	29	0.0	5.6	*	6.9	10.4	*	13.8	13.6	*
Prostatectomy	96	1.0	1.4	1.4	3.1	3.2	2.2	6.2	5.0	2.6
Cholecystectomy	42	4.8	4.4	*	7.1	7.5	*	7.1	9.5	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

REX HOSPITAL

4420 Lake Boone Trail
Raleigh, NC 27607

Medicare Provider Number: 340114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	3,819	8.1	8.0	0.5	13.1	12.6	0.7	16.3	16.1	0.6
CONDITIONS:										
Acute Myocardial Infarction	134	25.4	21.4	4.2	29.1	24.8	4.6	32.8	28.0	4.8
Congestive Heart Failure	171	14.6	13.8	2.8	19.9	21.5	3.5	28.1	28.2	3.9
Pneumonia/Influenza	149	12.8	14.6	3.4	19.5	20.4	3.8	25.5	25.0	3.6
Chronic Obstructive Pulmonary Disease	27	11.1	5.6	*	29.6	10.2	*	29.6	14.5	*
Transient Cerebral Ischemia	61	1.6	1.6	1.8	4.9	3.4	2.7	6.6	5.4	3.3
Stroke	160	21.9	19.8	4.6	28.1	26.2	3.9	30.6	30.5	3.7
Hip Fracture	114	5.3	6.7	3.4	9.6	12.0	4.1	13.2	15.5	4.1
Sepsis	26	23.1	18.9	*	26.9	26.6	*	26.9	32.8	*
PROCEDURES:										
Angioplasty	8	0.0	1.5	*	0.0	2.6	*	0.0	4.0	*
Coronary Artery Bypass Graft	13	7.7	4.2	*	15.4	5.8	*	15.4	6.9	*
Initial Pacemaker Insertion	28	17.9	3.3	*	17.9	6.3	*	25.0	9.0	*
Carotid Endarterectomy	26	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	78	2.6	3.3	2.1	5.1	6.3	3.3	9.0	8.8	3.6
Open Reduction of Hip Fracture	54	5.6	6.0	3.6	7.4	11.1	6.2	9.3	14.4	7.3
Prostatectomy	132	2.3	1.0	1.4	5.3	2.5	2.7	5.3	4.1	3.1
Cholecystectomy	86	0.0	2.8	2.8	4.7	5.3	2.5	9.3	7.3	3.3
Hysterectomy	33	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	394
Occupancy Rate	83
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	462
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	653
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

REX HOSPITAL

Medicare Provider Number: 340114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,475	9.0	8.1	0.6	14.1	12.8	0.8	18.0	16.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	112	28.6	25.1	4.8	29.5	28.2	4.5	31.3	31.5	4.4
Congestive Heart Failure	147	16.3	15.0	3.2	25.9	23.1	4.4	32.0	30.0	4.4
Pneumonia/Influenza	129	18.6	15.1	6.5	25.6	21.0	8.3	29.5	25.6	7.2
Chronic Obstructive Pulmonary Disease	19	10.5	4.4	*	15.8	8.3	*	21.1	11.8	*
Transient Cerebral Ischemia	50	2.0	2.0	*	8.0	4.4	*	14.0	6.9	*
Stroke	146	15.8	20.1	5.3	24.7	26.6	4.0	31.5	31.1	3.9
Hip Fracture	100	3.0	5.4	4.0	6.0	9.9	5.4	10.0	12.9	5.4
Sepsis	39	25.6	23.5	*	33.3	31.5	*	35.9	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	0.0	5.0	*	0.0	7.7	*	0.0	10.3	*
Carotid Endarterectomy	22	4.5	1.5	*	4.5	3.0	*	9.1	4.2	*
Hip Replacement/Reconstruction	78	0.0	2.3	2.8	3.8	4.5	4.4	3.8	6.1	4.1
Open Reduction of Hip Fracture	46	4.3	5.3	*	6.5	10.2	*	13.0	13.6	*
Prostatectomy	133	2.3	0.9	1.2	4.5	2.1	1.9	4.5	3.6	1.7
Cholecystectomy	106	0.9	2.2	1.9	2.8	4.1	2.5	2.8	5.4	3.1
Hysterectomy	44	0.0	0.6	*	0.0	1.3	*	2.3	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,317	8.9	8.5	0.5	13.4	13.4	0.6	17.2	17.3	0.7
CONDITIONS:										
Acute Myocardial Infarction	130	23.8	25.1	4.1	26.9	28.4	4.8	28.5	31.8	4.8
Congestive Heart Failure	143	14.7	14.5	3.0	20.3	22.2	3.8	30.8	28.8	4.4
Pneumonia/Influenza	116	21.6	16.0	7.0	27.6	22.2	7.1	29.3	27.0	5.9
Chronic Obstructive Pulmonary Disease	25	16.0	7.6	*	20.0	13.4	*	24.0	18.1	*
Transient Cerebral Ischemia	51	3.9	1.8	2.6	5.9	3.7	3.3	7.8	5.8	4.6
Stroke	114	15.8	20.6	6.6	26.3	27.5	5.6	30.7	32.2	4.7
Hip Fracture	98	5.1	5.5	2.7	9.2	10.3	3.4	12.2	13.6	4.0
Sepsis	27	11.1	25.6	*	25.9	34.5	*	33.3	40.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	26	7.7	4.3	*	7.7	8.4	*	11.5	11.8	*
Carotid Endarterectomy	29	10.3	1.9	*	10.3	3.5	*	13.8	5.0	*
Hip Replacement/Reconstruction	43	2.3	3.5	*	7.0	6.9	*	7.0	9.3	*
Open Reduction of Hip Fracture	52	3.8	4.7	3.2	3.8	9.2	5.7	7.7	12.4	6.5
Prostatectomy	128	2.3	1.2	1.7	2.3	2.9	1.6	5.5	4.9	2.0
Cholecystectomy	108	3.7	2.4	2.3	5.6	4.4	3.2	5.6	5.8	3.4
Hysterectomy	39	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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REX HOSPITAL

January 9, 1991 **Medicare Provider No: 340114**

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Rex Hospital appreciates the opportunity to respond to the 1989 Medicare Hospital Mortality Information. In all categories our actual data is within the predicted range, with the exception of prostatectomy procedures. This actual figure was greater than the standard deviation by 0.1%.

We have reviewed the seven patients undergoing prostatectomy procedures during the time frame of this study. The prostatectomies did not result in any complications or problems leading to the death of these patients. One patient's procedure was incidental to the admission and was without complications. A second patient had several associated conditions which could have caused his death with no relation to the prostatectomy; the five remaining patients had associated cancers. Rex may have a higher population of cancer patients due to the accessibility of the Rex Cancer Center.

As in the past, we will utilize this information in support of ongoing quality management efforts. It is our mission to continue to provide high quality care. Thank you very much.

Sincerely,

Matthew M. Person, III.
Senior Vice President

4420 Lake Boone Trail, Raleigh, North Carolina 27607 (919) 783-3100

RICHMOND MEMORIAL HOSPITAL

1000 Long Dr Box 1928
Rockingham, NC 28379

Medicare Provider Number: 340035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	655	8.7	10.1	1.7	14.2	14.7	2.4	16.9	18.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	33	24.2	25.9	*	27.3	29.0	*	33.3	32.4	*
Congestive Heart Failure	40	22.5	15.8	*	30.0	24.4	*	30.0	31.5	*
Pneumonia/Influenza	52	7.7	14.6	6.2	13.5	19.6	7.6	13.5	23.8	9.0
Chronic Obstructive Pulmonary Disease	15	20.0	9.1	*	33.3	15.1	*	40.0	20.2	*
Transient Cerebral Ischemia	10	0.0	1.8	*	10.0	3.9	*	10.0	6.2	*
Stroke	32	12.5	21.1	*	18.8	27.6	*	21.9	32.1	*
Hip Fracture	2	0.0	10.1	*	0.0	16.9	*	0.0	20.8	*
Sepsis	17	23.5	28.9	*	35.3	35.2	*	35.3	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.6	*	0.0	4.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	20	10.0	1.1	*	15.0	2.6	*	20.0	4.4	*
Cholecystectomy	10	0.0	2.9	*	0.0	5.3	*	0.0	7.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	101
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	88
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RICHMOND MEMORIAL HOSPITAL

Medicare Provider Number: 340035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	618	11.5	9.9	1.8	15.5	14.4	1.8	19.3	18.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	31	22.6	25.1	*	29.0	29.0	*	38.7	32.7	*
Congestive Heart Failure	44	22.7	14.8	*	29.5	22.1	*	31.8	28.3	*
Pneumonia/Influenza	51	13.7	17.1	6.3	17.6	22.4	8.4	19.6	26.9	11.8
Chronic Obstructive Pulmonary Disease	10	0.0	7.4	*	10.0	13.4	*	20.0	18.1	*
Transient Cerebral Ischemia	9	0.0	2.4	*	0.0	4.9	*	0.0	7.6	*
Stroke	30	23.3	24.3	*	23.3	30.8	*	36.7	35.7	*
Hip Fracture	3	33.3	7.9	*	33.3	12.3	*	33.3	15.2	*
Sepsis	4	0.0	27.8	*	25.0	34.9	*	25.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	4.3	*	100.0	6.3	*	100.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	8.5	*	0.0	12.6	*	0.0	15.6	*
Prostatectomy	24	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Cholecystectomy	10	0.0	1.4	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	587	11.6	12.3	1.6	17.4	17.3	1.7	19.8	21.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	34	35.3	31.9	*	44.1	35.2	*	44.1	38.6	*
Congestive Heart Failure	48	10.4	16.6	*	18.8	24.7	*	20.8	31.4	*
Pneumonia/Influenza	65	15.4	17.4	4.9	21.5	22.8	6.1	21.5	27.5	8.0
Chronic Obstructive Pulmonary Disease	7	0.0	12.7	*	14.3	21.4	*	28.6	26.6	*
Transient Cerebral Ischemia	12	16.7	2.6	*	25.0	5.6	*	33.3	8.9	*
Stroke	28	28.6	24.2	*	35.7	30.6	*	35.7	35.5	*
Hip Fracture	6	0.0	6.3	*	0.0	11.3	*	0.0	14.6	*
Sepsis	7	0.0	23.1	*	0.0	29.4	*	0.0	35.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	9.6	*	0.0	11.6	*	0.0	12.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.3	*	0.0	6.2	*	0.0	8.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	28	3.6	1.4	*	7.1	3.5	*	14.3	5.9	*
Cholecystectomy	14	0.0	3.3	*	0.0	5.9	*	0.0	7.9	*
Hysterectomy	1	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROANOKE CHOWAN HOSPITAL

500 S Academy St
Ahoskie, NC 27910

Medicare Provider Number: 340099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,114	11.1	8.9	1.2	16.8	13.6	1.5	20.8	17.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	30	13.3	24.6	*	16.7	27.5	*	20.0	30.6	*
Congestive Heart Failure	82	12.2	12.7	3.8	14.6	20.2	6.3	22.0	26.7	7.0
Pneumonia/Influenza	47	14.9	14.2	*	21.3	19.4	*	27.7	23.7	*
Chronic Obstructive Pulmonary Disease	14	7.1	7.0	*	7.1	11.4	*	14.3	15.2	*
Transient Cerebral Ischemia	17	0.0	1.8	*	11.8	4.1	*	17.6	6.4	*
Stroke	71	16.9	16.8	4.8	31.0	22.9	6.4	32.4	27.1	6.7
Hip Fracture	20	10.0	5.6	*	20.0	10.2	*	25.0	13.4	*
Sepsis	8	37.5	20.6	*	37.5	25.7	*	50.0	30.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.5	*	0.0	6.3	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.5	*	11.1	8.6	*	22.2	11.5	*
Open Reduction of Hip Fracture	7	14.3	5.1	*	14.3	9.4	*	14.3	12.3	*
Prostatectomy	32	0.0	1.3	*	3.1	3.1	*	3.1	5.3	*
Cholecystectomy	29	0.0	4.6	*	3.4	8.1	*	6.9	10.4	*
Hysterectomy	5	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	91
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROANOKE CHOWAN HOSPITAL

Medicare Provider Number: 340099

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,013	11.2	10.1	1.4	18.0	14.9	2.1	20.8	18.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	40	30.0	28.7	*	35.0	32.5	*	40.0	36.4	*
Congestive Heart Failure	79	17.7	14.6	6.1	26.6	22.5	6.4	31.6	29.1	8.0
Pneumonia/Influenza	46	21.7	16.6	*	28.3	22.4	*	28.3	26.9	*
Chronic Obstructive Pulmonary Disease	12	8.3	7.6	*	8.3	14.1	*	8.3	19.6	*
Transient Cerebral Ischemia	16	0.0	2.9	*	0.0	6.8	*	0.0	11.0	*
Stroke	61	14.8	21.8	7.7	31.1	28.2	6.6	31.1	32.7	6.3
Hip Fracture	19	0.0	6.4	*	10.5	11.7	*	26.3	15.2	*
Sepsis	7	42.9	21.3	*	71.4	30.7	*	71.4	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	16.7	*	14.3	23.7	*	14.3	29.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.1	*	16.7	8.5	*	66.7	11.7	*
Open Reduction of Hip Fracture	14	0.0	5.9	*	7.1	11.1	*	7.1	14.6	*
Prostatectomy	25	0.0	1.5	*	0.0	3.9	*	0.0	6.6	*
Cholecystectomy	32	0.0	4.4	*	9.4	7.7	*	12.5	9.6	*
Hysterectomy	11	0.0	0.7	*	0.0	1.4	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	993	13.1	10.7	1.9	17.8	15.4	1.7	22.0	19.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	44	22.7	31.4	*	22.7	34.8	*	27.3	38.5	*
Congestive Heart Failure	60	20.0	13.8	9.9	28.3	21.1	11.0	33.3	27.4	11.8
Pneumonia/Influenza	55	16.4	18.0	5.4	21.8	24.2	6.2	23.6	29.3	8.4
Chronic Obstructive Pulmonary Disease	10	0.0	6.2	*	20.0	10.4	*	20.0	14.4	*
Transient Cerebral Ischemia	23	8.7	1.8	*	13.0	4.0	*	13.0	6.4	*
Stroke	58	24.1	21.2	6.2	25.9	27.3	6.0	29.3	32.1	7.6
Hip Fracture	21	4.8	7.2	*	9.5	12.4	*	9.5	16.0	*
Sepsis	15	13.3	30.4	*	33.3	37.4	*	33.3	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	14.3	4.7	*	14.3	9.1	*	28.6	12.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	6.1	*	10.0	11.0	*	10.0	14.4	*
Open Reduction of Hip Fracture	10	0.0	7.1	*	10.0	12.4	*	10.0	16.2	*
Prostatectomy	24	0.0	1.3	*	8.3	3.2	*	20.8	5.1	*
Cholecystectomy	18	5.6	5.8	*	11.1	9.7	*	11.1	12.1	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROBERSONVILLE COMMUNITY HOSPITAL

N Main St Box 1210
Robersonville, NC 27871

Medicare Provider Number: 340079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	23	8.7	10.9	*	21.7	17.5	*	26.1	23.5	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	27.8	*	0.0	32.7	*	0.0	37.2	*
Congestive Heart Failure	3	0.0	11.2	*	33.3	17.5	*	33.3	23.0	*
Pneumonia/Influenza	2	0.0	16.5	*	50.0	21.3	*	50.0	25.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.8	*	0.0	7.8	*
Stroke	2	0.0	16.8	*	0.0	23.3	*	0.0	27.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	12
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ROBERSONVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 340079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	70	8.6	10.6	5.0	15.7	15.4	4.4	20.0	19.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	29.6	*	0.0	33.2	*	0.0	37.2	*
Congestive Heart Failure	12	8.3	15.8	*	16.7	23.9	*	25.0	30.6	*
Pneumonia/Influenza	4	25.0	13.0	*	25.0	17.0	*	25.0	20.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.7	*	0.0	5.3	*	0.0	7.6	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.9	*	0.0	6.2	*
Stroke	4	25.0	34.5	*	25.0	43.1	*	50.0	49.0	*
Hip Fracture	0									
Sepsis	1	0.0	17.4	*	0.0	22.4	*	0.0	26.8	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	11.3	10.5	4.0	14.5	14.7	4.6	16.1	18.3	5.6
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	24.8	*	28.6	27.9	*	28.6	31.4	*
Congestive Heart Failure	5	40.0	16.1	*	40.0	23.8	*	40.0	30.4	*
Pneumonia/Influenza	3	0.0	10.2	*	0.0	13.7	*	0.0	17.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	6	16.7	18.3	*	16.7	24.3	*	16.7	28.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROWAN MEMORIAL HOSPITAL

612 Mocksville Ave
Salisbury, NC 28144

Medicare Provider Number: 340015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,520	9.3	9.1	0.8	14.4	13.6	0.8	18.2	17.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	92	31.5	29.5	4.8	35.9	32.4	5.3	43.5	35.8	6.3
Congestive Heart Failure	130	17.7	14.2	3.6	26.2	22.5	8.4	37.7	29.4	7.0
Pneumonia/Influenza	166	17.5	15.4	4.7	24.1	21.2	4.8	28.9	26.0	5.9
Chronic Obstructive Pulmonary Disease	29	10.3	5.7	*	17.2	10.1	*	24.1	14.1	*
Transient Cerebral Ischemia	37	0.0	1.5	*	5.4	3.4	*	5.4	5.5	*
Stroke	176	17.6	18.2	4.1	26.7	25.1	3.6	29.0	29.6	3.6
Hip Fracture	85	8.2	5.5	5.0	11.8	10.0	4.3	14.1	13.3	3.9
Sepsis	44	20.5	24.9	*	25.0	31.7	*	29.5	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	4.8	*	20.0	9.2	*	26.7	13.2	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	2.8	*	0.0	4.3	*
Hip Replacement/Reconstruction	46	10.9	3.8	*	15.2	7.5	*	19.6	10.3	*
Open Reduction of Hip Fracture	49	2.0	5.0	*	6.1	9.5	*	8.2	12.7	*
Prostatectomy	104	0.0	0.8	1.1	0.0	1.8	2.1	1.9	3.1	2.0
Cholecystectomy	57	5.3	3.7	2.9	8.8	6.6	4.8	12.3	8.6	6.5
Hysterectomy	17	5.9	1.3	*	5.9	2.5	*	5.9	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	249
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	81
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	190
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROWAN MEMORIAL HOSPITAL

Medicare Provider Number: 340015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,459	10.3	9.4	0.7	15.1	13.9	1.0	19.0	17.5	1.1
CONDITIONS:										
Acute Myocardial Infarction	100	33.0	32.6	4.7	40.0	35.9	4.9	45.0	39.6	5.2
Congestive Heart Failure	122	13.1	13.6	3.2	23.8	20.8	3.9	34.4	27.0	5.5
Pneumonia/Influenza	153	19.6	15.3	5.4	26.8	20.9	5.5	30.7	25.4	6.3
Chronic Obstructive Pulmonary Disease	18	11.1	5.3	*	16.7	10.0	*	22.2	14.2	*
Transient Cerebral Ischemia	51	2.0	1.9	*	3.9	4.2	*	9.8	6.7	*
Stroke	187	22.5	18.2	6.2	28.3	24.9	6.3	32.6	29.5	6.2
Hip Fracture	86	7.0	5.7	4.1	11.6	10.7	4.4	16.3	14.1	4.8
Sepsis	37	29.7	26.7	*	32.4	33.3	*	40.5	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	28	14.3	9.6	*	17.9	13.2	*	21.4	16.6	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	55	3.6	3.6	3.4	10.9	7.3	5.0	12.7	10.0	6.4
Open Reduction of Hip Fracture	45	8.9	5.3	*	8.9	10.3	*	13.3	13.7	*
Prostatectomy	96	1.0	0.7	1.3	3.1	1.6	2.1	4.2	2.6	2.8
Cholecystectomy	51	5.9	3.4	2.9	5.9	6.4	3.6	7.8	8.6	3.9
Hysterectomy	17	0.0	1.7	*	0.0	3.4	*	0.0	4.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,241	10.1	9.7	0.7	14.8	14.2	0.9	18.0	17.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	104	32.7	32.6	5.0	37.5	35.8	5.9	43.3	39.5	6.7
Congestive Heart Failure	135	14.8	14.4	3.3	21.5	22.4	6.1	25.9	29.2	6.4
Pneumonia/Influenza	112	17.0	15.2	4.8	21.4	20.9	4.5	25.9	25.7	4.4
Chronic Obstructive Pulmonary Disease	21	9.5	6.5	*	19.0	11.8	*	19.0	16.2	*
Transient Cerebral Ischemia	31	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke	151	17.9	21.4	5.0	27.8	27.9	5.1	33.1	32.8	3.9
Hip Fracture	83	2.4	5.0	4.5	7.2	9.5	6.1	9.6	12.6	5.4
Sepsis	35	42.9	27.2	*	45.7	34.9	*	51.4	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	5.3	*	11.1	8.5	*	11.1	10.9	*
Carotid Endarterectomy	2	0.0	1.0	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	54	3.7	3.8	2.7	5.6	7.3	3.9	9.3	9.8	4.1
Open Reduction of Hip Fracture	44	0.0	3.8	*	4.5	7.7	*	4.5	10.5	*
Prostatectomy	89	1.1	0.6	1.1	4.5	1.5	1.8	7.9	2.6	2.9
Cholecystectomy	44	6.8	3.5	*	6.8	6.5	*	6.8	8.6	*
Hysterectomy	18	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RUTHERFORD HOSPITAL INC

308 S Ridgecrest Ave
Rutherfordton, NC 28139

Medicare Provider Number: 340013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,264	10.9	9.9	1.2	16.1	14.7	1.3	19.9	18.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	85	27.1	22.9	8.1	28.2	26.1	8.6	32.9	29.4	9.0
Congestive Heart Failure	81	12.3	14.7	6.4	17.3	23.1	8.4	27.2	30.0	7.4
Pneumonia/Influenza	61	23.0	15.6	5.6	29.5	21.9	7.3	32.8	26.6	6.9
Chronic Obstructive Pulmonary Disease	13	15.4	13.0	*	38.5	21.3	*	46.2	27.9	*
Transient Cerebral Ischemia	6	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	91	16.5	21.1	6.2	27.5	28.2	6.0	33.0	33.0	5.2
Hip Fracture	49	4.1	4.8	*	10.2	8.9	*	10.2	11.9	*
Sepsis	7	14.3	24.4	*	28.6	31.7	*	28.6	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.9	*	0.0	8.1	*	0.0	10.7	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	20	5.0	2.8	*	10.0	5.6	*	10.0	7.8	*
Open Reduction of Hip Fracture	15	0.0	4.6	*	6.7	8.5	*	6.7	11.2	*
Prostatectomy	12	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy	40	2.5	2.9	*	7.5	5.7	*	7.5	7.9	*
Hysterectomy	7	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	145
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	108
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RUTHERFORD HOSPITAL INC

Medicare Provider Number: 340013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,315	9.8	8.9	0.8	15.0	13.6	1.2	18.6	17.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	64	17.2	19.3	6.2	20.3	22.3	6.5	23.4	25.5	6.2
Congestive Heart Failure	94	17.0	13.1	4.3	22.3	20.4	4.3	26.6	26.7	4.7
Pneumonia/Influenza	71	8.5	14.6	4.9	16.9	20.1	4.9	26.8	24.4	5.2
Chronic Obstructive Pulmonary Disease	4	0.0	9.6	*	0.0	18.7	*	0.0	27.0	*
Transient Cerebral Ischemia	13	0.0	2.0	*	0.0	4.2	*	0.0	6.5	*
Stroke	70	20.0	20.6	4.9	30.0	27.1	6.5	34.3	31.7	7.1
Hip Fracture	47	0.0	4.1	*	2.1	7.6	*	4.3	10.2	*
Sepsis	3	33.3	19.8	*	66.7	25.5	*	66.7	31.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.3	*	0.0	6.3	*	0.0	9.5	*
Carotid Endarterectomy	5	0.0	2.2	*	0.0	4.9	*	20.0	7.8	*
Hip Replacement/Reconstruction	22	0.0	2.4	*	0.0	4.8	*	0.0	6.5	*
Open Reduction of Hip Fracture	14	0.0	3.9	*	0.0	7.7	*	7.1	10.4	*
Prostatectomy	20	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	59	3.4	2.9	3.0	6.8	4.9	3.6	6.8	6.2	4.0
Hysterectomy	12	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,318	12.4	9.0	0.9	16.5	13.7	1.0	20.2	17.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	73	39.7	24.4	6.7	45.2	27.9	7.1	49.3	31.5	7.3
Congestive Heart Failure	101	23.8	14.1	5.4	30.7	22.2	5.7	38.6	29.1	6.1
Pneumonia/Influenza	65	9.2	13.4	4.8	12.3	18.7	6.3	13.8	23.1	8.0
Chronic Obstructive Pulmonary Disease	15	26.7	7.1	*	46.7	12.5	*	46.7	17.1	*
Transient Cerebral Ischemia	24	4.2	2.1	*	4.2	4.6	*	8.3	7.4	*
Stroke	70	15.7	20.3	8.9	25.7	27.6	9.4	31.4	32.6	5.9
Hip Fracture	45	4.4	4.9	*	8.9	9.5	*	13.3	12.8	*
Sepsis	5	0.0	23.3	*	0.0	32.0	*	0.0	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.1	*	0.0	6.0	*	0.0	8.9	*
Carotid Endarterectomy	13	15.4	1.7	*	15.4	3.2	*	15.4	4.6	*
Hip Replacement/Reconstruction	15	0.0	2.7	*	6.7	5.8	*	20.0	8.4	*
Open Reduction of Hip Fracture	15	0.0	4.3	*	6.7	8.6	*	6.7	11.9	*
Prostatectomy	14	0.0	0.7	*	0.0	1.5	*	7.1	2.4	*
Cholecystectomy	45	4.4	1.8	*	4.4	3.2	*	4.4	4.2	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SAMPSON COUNTY MEMORIAL HOSPITAL

607 Beaman St
Clinton, NC 28328

Medicare Provider Number: 340024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,065	9.5	11.4	1.2	13.6	16.6	1.6	17.7	20.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	49	24.5	28.4	*	26.5	32.0	*	30.6	35.5	*
Congestive Heart Failure	99	12.1	16.1	6.3	16.2	24.6	7.9	25.3	31.5	8.1
Pneumonia/Influenza	40	10.0	17.3	*	12.5	23.3	*	15.0	27.8	*
Chronic Obstructive Pulmonary Disease	13	7.7	5.9	*	7.7	10.8	*	15.4	15.2	*
Transient Cerebral Ischemia	23	0.0	2.1	*	0.0	4.9	*	4.3	7.9	*
Stroke	70	18.6	20.0	6.0	24.3	26.8	6.1	30.0	31.2	5.6
Hip Fracture	28	7.1	6.6	*	10.7	11.4	*	17.9	14.5	*
Sepsis	29	20.7	28.8	*	27.6	36.0	*	27.6	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.0	*	0.0	9.7	*	0.0	13.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	4.3	4.8	*	8.7	8.0	*	13.0	10.1	*
Open Reduction of Hip Fracture	12	8.3	6.4	*	8.3	11.7	*	16.7	15.1	*
Prostatectomy	27	0.0	1.3	*	3.7	3.2	*	3.7	5.4	*
Cholecystectomy	17	0.0	3.4	*	5.9	5.1	*	5.9	6.1	*
Hysterectomy	7	0.0	1.2	*	0.0	2.8	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	146
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	29
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SAMPSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 340024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,016	8.5	11.6	1.5	13.0	16.8	1.7	17.1	20.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	63	34.9	32.6	6.4	38.1	36.9	6.2	42.9	40.8	6.5
Congestive Heart Failure	70	10.0	16.5	5.9	14.3	25.1	8.1	20.0	32.0	9.3
Pneumonia/Influenza	30	13.3	17.0	*	13.3	22.8	*	20.0	27.5	*
Chronic Obstructive Pulmonary Disease	16	0.0	5.7	*	6.3	9.6	*	6.3	12.9	*
Transient Cerebral Ischemia	12	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke	77	10.4	20.3	7.7	19.5	27.3	7.6	23.4	31.9	8.3
Hip Fracture	31	0.0	7.3	*	6.5	12.3	*	6.5	15.3	*
Sepsis	34	23.5	23.5	*	26.5	29.5	*	29.4	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	8.0	*	20.0	11.1	*	20.0	14.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	4.5	*	0.0	7.8	*	4.8	9.9	*
Open Reduction of Hip Fracture	18	0.0	6.2	*	5.6	10.9	*	5.6	13.9	*
Prostatectomy	24	4.2	2.0	*	8.3	5.0	*	12.5	8.4	*
Cholecystectomy	12	0.0	2.3	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy	9	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	932	9.3	11.5	1.6	15.3	16.6	1.6	19.2	20.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	63	22.2	28.0	6.4	27.0	31.3	6.2	30.2	34.6	6.6
Congestive Heart Failure	66	10.6	18.4	7.1	22.7	27.0	7.1	33.3	33.7	5.9
Pneumonia/Influenza	34	8.8	15.0	*	8.8	20.4	*	11.8	24.7	*
Chronic Obstructive Pulmonary Disease	14	7.1	12.2	*	21.4	21.6	*	35.7	28.5	*
Transient Cerebral Ischemia	16	6.3	2.4	*	12.5	5.4	*	18.8	8.6	*
Stroke	55	14.5	22.8	11.0	23.6	29.6	9.6	27.3	34.0	9.6
Hip Fracture	25	4.0	8.2	*	8.0	14.4	*	20.0	18.2	*
Sepsis	27	25.9	29.5	*	37.0	37.0	*	40.7	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.4	*	0.0	6.2	*	33.3	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	7.2	*	14.3	13.2	*	28.6	16.8	*
Open Reduction of Hip Fracture	16	6.3	7.4	*	6.3	13.8	*	18.8	17.7	*
Prostatectomy	27	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Cholecystectomy	13	7.7	2.0	*	7.7	3.4	*	7.7	4.2	*
Hysterectomy	5	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SCOTLAND MEMORIAL HOSPITAL

500 Lauchwood Dr
Laurinburg, NC 28352

Medicare Provider Number: 340008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	861	10.8	10.6	1.8	15.4	15.4	2.1	18.9	19.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	39	35.9	29.8	*	43.6	32.9	*	46.2	36.3	*
Congestive Heart Failure	61	14.8	13.9	4.8	21.3	21.3	5.2	26.2	27.7	6.2
Pneumonia/Influenza	45	15.6	17.6	*	22.2	23.8	*	24.4	28.6	*
Chronic Obstructive Pulmonary Disease	14	7.1	8.6	*	14.3	15.0	*	14.3	20.2	*
Transient Cerebral Ischemia	16	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	46	17.4	18.4	*	30.4	23.9	*	39.1	28.1	*
Hip Fracture	25	4.0	7.2	*	4.0	13.1	*	8.0	17.1	*
Sepsis	15	26.7	31.8	*	26.7	39.4	*	33.3	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*
Carotid Endarterectomy	1	0.0	2.0	*	0.0	3.7	*	0.0	5.2	*
Hip Replacement/Reconstruction	13	7.7	6.0	*	7.7	11.5	*	7.7	15.5	*
Open Reduction of Hip Fracture	11	0.0	6.4	*	0.0	12.2	*	9.1	16.2	*
Prostatectomy	30	0.0	1.2	*	0.0	3.0	*	3.3	5.0	*
Cholecystectomy	7	0.0	1.4	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	165
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	106
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

SCOTLAND MEMORIAL HOSPITAL

Medicare Provider Number: 340008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	815	11.3	9.4	1.2	17.4	13.8	1.8	21.6	17.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	28.5	*	37.0	31.6	*	44.4	35.2	*
Congestive Heart Failure	51	15.7	15.6	5.1	23.5	23.6	6.6	29.4	30.4	6.5
Pneumonia/Influenza	41	22.0	15.5	*	31.7	20.7	*	34.1	24.7	*
Chronic Obstructive Pulmonary Disease	18	11.1	9.2	*	22.2	15.7	*	22.2	20.9	*
Transient Cerebral Ischemia	14	0.0	1.9	*	0.0	4.0	*	14.3	6.3	*
Stroke	59	18.6	20.6	5.3	33.9	26.4	6.7	44.1	30.9	7.7
Hip Fracture	32	15.6	5.7	*	15.6	10.5	*	18.8	13.7	*
Sepsis	10	30.0	34.1	*	60.0	39.6	*	60.0	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	12.5	4.6	*	12.5	9.1	*	18.8	12.3	*
Open Reduction of Hip Fracture	15	13.3	5.4	*	13.3	9.9	*	13.3	12.9	*
Prostatectomy	11	0.0	1.4	*	0.0	3.0	*	0.0	4.3	*
Cholecystectomy	13	7.7	1.1	*	7.7	2.0	*	7.7	2.6	*
Hysterectomy	9	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	701	11.8	10.2	1.4	17.5	14.6	1.9	21.5	18.2	2.2
CONDITIONS:										
Acute Myocardial Infarction	34	35.3	27.4	*	47.1	30.5	*	52.9	33.9	*
Congestive Heart Failure	44	25.0	16.1	*	31.8	24.2	*	40.9	31.2	*
Pneumonia/Influenza	30	33.3	18.3	*	40.0	24.2	*	46.7	29.0	*
Chronic Obstructive Pulmonary Disease	15	13.3	9.2	*	20.0	14.9	*	33.3	19.5	*
Transient Cerebral Ischemia	19	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	47	19.1	22.3	*	27.7	28.7	*	31.9	33.4	*
Hip Fracture	15	0.0	6.0	*	13.3	10.6	*	13.3	13.7	*
Sepsis	6	16.7	22.7	*	16.7	28.4	*	16.7	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.2	*	0.0	6.6	*	0.0	9.1	*
Open Reduction of Hip Fracture	10	0.0	5.8	*	20.0	10.8	*	20.0	14.1	*
Prostatectomy	16	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*
Cholecystectomy	11	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SEA LEVEL HOSPITAL DIV DUKE UNIV MED CTR

Hwy 70 E
Sea Level, NC 28577

Medicare Provider Number: 340076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	16.5	12.4	3.8	25.2	18.7	5.1	29.5	23.7	5.6
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	36.3	*	50.0	42.3	*	50.0	46.5	*
Congestive Heart Failure	9	0.0	28.7	*	33.3	40.9	*	55.6	50.0	*
Pneumonia/Influenza	18	27.8	17.9	*	38.9	24.7	*	44.4	30.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.7	*	0.0	7.9	*	50.0	10.9	*
Transient Cerebral Ischemia	7	0.0	2.2	*	0.0	4.8	*	0.0	7.5	*
Stroke	8	50.0	21.4	*	62.5	27.8	*	62.5	32.6	*
Hip Fracture	0									
Sepsis	4	50.0	32.9	*	50.0	47.6	*	50.0	58.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.9	*	0.0	3.2	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	76
Occupancy Rate	83
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SEA LEVEL HOSPITAL DIV DUKE UNIV MED CTR

Medicare Provider Number: 340076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	147	15.0	13.0	5.7	21.8	19.2	6.3	27.9	23.9	5.9
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	31.0	*	50.0	34.5	*	50.0	38.6	*
Congestive Heart Failure	13	15.4	19.5	*	38.5	29.0	*	38.5	36.1	*
Pneumonia/Influenza	8	0.0	19.6	*	25.0	25.5	*	25.0	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	15.8	*	0.0	23.5	*	0.0	29.4	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	9	22.2	36.0	*	33.3	45.6	*	55.6	51.6	*
Hip Fracture	0									
Sepsis	2	50.0	34.3	*	50.0	44.3	*	50.0	52.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	23.4	12.1	6.1	25.8	17.4	5.0	27.3	21.6	4.6
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	38.2	*	62.5	42.3	*	62.5	47.3	*
Congestive Heart Failure	10	30.0	15.3	*	30.0	24.6	*	40.0	32.2	*
Pneumonia/Influenza	12	25.0	24.4	*	33.3	32.1	*	33.3	37.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.6	*	0.0	19.7	*	0.0	26.6	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke	2	50.0	57.4	*	50.0	60.6	*	50.0	63.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SLOOP MEMORIAL HOSPITAL

1 Crossnore Dr Box 220
Crossnore, NC 28616

Medicare Provider Number: 340080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	338	8.6	10.3	2.9	13.6	15.2	2.8	17.8	19.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	23.3	*	33.3	26.2	*	33.3	29.7	*
Congestive Heart Failure	24	25.0	17.5	*	41.7	27.7	*	41.7	35.6	*
Pneumonia/Influenza	41	7.3	16.9	*	9.8	23.2	*	17.1	28.1	*
Chronic Obstructive Pulmonary Disease	24	4.2	6.0	*	8.3	11.5	*	20.8	16.5	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke	16	12.5	23.4	*	18.8	29.2	*	31.3	33.7	*
Hip Fracture	0									
Sepsis	3	33.3	26.7	*	33.3	33.2	*	66.7	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	0.0	1.7	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	4	0.0	1.5	*	0.0	3.9	*	0.0	6.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SLOOP MEMORIAL HOSPITAL

Medicare Provider Number: 340080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	332	7.5	10.4	2.5	13.6	15.3	2.6	16.0	19.1	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	29.9	*	27.3	34.2	*	27.3	38.3	*
Congestive Heart Failure	26	15.4	14.7	*	34.6	22.4	*	34.6	29.0	*
Pneumonia/Influenza	39	7.7	14.3	*	7.7	19.5	*	10.3	23.7	*
Chronic Obstructive Pulmonary Disease	14	7.1	10.0	*	7.1	16.3	*	7.1	21.3	*
Transient Cerebral Ischemia	2	0.0	4.4	*	0.0	10.5	*	0.0	16.8	*
Stroke	9	33.3	24.6	*	33.3	30.6	*	44.4	35.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.9	*	0.0	4.7	*	0.0	7.9	*
Cholecystectomy	6	0.0	2.1	*	0.0	3.8	*	0.0	4.9	*
Hysterectomy	1	0.0	0.3	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	315	9.8	9.6	1.7	13.7	14.4	2.1	17.1	18.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	29.6	*	38.5	32.4	*	38.5	35.5	*
Congestive Heart Failure	20	10.0	15.9	*	20.0	24.5	*	20.0	31.5	*
Pneumonia/Influenza	22	18.2	14.1	*	18.2	19.8	*	27.3	24.4	*
Chronic Obstructive Pulmonary Disease	11	9.1	7.3	*	9.1	13.8	*	18.2	19.6	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.3	*	0.0	8.3	*
Stroke	7	0.0	31.7	*	28.6	39.4	*	42.9	45.1	*
Hip Fracture	0									
Sepsis	2	100.0	23.2	*	100.0	33.5	*	100.0	39.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.5	*	0.0	4.2	*	0.0	7.7	*
Cholecystectomy	6	0.0	2.0	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTHEASTERN GENERAL HOSPITAL

300 W 27 St
Lumberton, NC 28358

Medicare Provider Number: 340050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,855	10.3	10.0	0.8	15.3	14.6	0.9	19.0	18.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	66	31.8	27.0	7.6	37.9	30.4	9.4	40.9	33.7	9.6
Congestive Heart Failure	125	15.2	13.9	3.3	20.8	21.4	3.7	24.8	27.8	5.6
Pneumonia/Influenza	80	13.7	16.1	4.3	23.7	21.8	4.8	30.0	26.3	6.0
Chronic Obstructive Pulmonary Disease	30	6.7	5.5	*	10.0	9.6	*	13.3	13.4	*
Transient Cerebral Ischemia	20	5.0	2.0	*	5.0	4.3	*	5.0	6.9	*
Stroke	95	17.9	19.4	4.7	24.2	26.6	5.4	28.4	31.1	6.6
Hip Fracture	53	9.4	6.5	4.5	11.3	11.2	5.3	17.0	14.2	6.0
Sepsis	29	13.8	24.3	*	24.1	31.2	*	31.0	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	6.8	*	25.0	9.7	*	25.0	12.4	*
Carotid Endarterectomy	17	0.0	1.4	*	0.0	2.7	*	5.9	4.1	*
Hip Replacement/Reconstruction	21	9.5	3.0	*	9.5	5.4	*	9.5	7.1	*
Open Reduction of Hip Fracture	37	5.4	6.0	*	8.1	10.9	*	16.2	14.1	*
Prostatectomy	50	0.0	0.7	*	2.0	1.8	*	2.0	3.0	*
Cholecystectomy	34	2.9	4.8	*	2.9	7.7	*	5.9	9.5	*
Hysterectomy	9	11.1	0.2	*	11.1	0.5	*	11.1	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	281
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	73
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	191
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTHEASTERN GENERAL HOSPITAL

Medicare Provider Number: 340050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,843	11.1	9.9	0.9	16.0	14.7	1.0	19.9	18.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	60	18.3	24.5	6.4	28.3	28.3	7.5	33.3	32.0	6.3
Congestive Heart Failure	126	15.9	14.2	3.5	20.6	21.7	3.8	23.8	28.1	5.4
Pneumonia/Influenza	86	16.3	15.2	3.9	22.1	20.3	5.2	24.4	24.3	4.7
Chronic Obstructive Pulmonary Disease	39	7.7	4.3	*	10.3	8.2	*	15.4	11.8	*
Transient Cerebral Ischemia	34	0.0	2.4	*	0.0	5.4	*	5.9	8.8	*
Stroke	90	16.7	18.6	4.3	26.7	25.2	4.9	33.3	29.6	6.7
Hip Fracture	42	4.8	6.6	*	11.9	11.9	*	11.9	15.3	*
Sepsis	31	32.3	30.4	*	38.7	37.8	*	45.2	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	10.7	*	33.3	15.3	*	33.3	20.1	*
Carotid Endarterectomy	13	0.0	1.3	*	0.0	2.5	*	7.7	3.8	*
Hip Replacement/Reconstruction	12	0.0	5.6	*	8.3	10.5	*	8.3	13.6	*
Open Reduction of Hip Fracture	30	3.3	5.4	*	10.0	10.0	*	10.0	13.1	*
Prostatectomy	37	0.0	1.7	*	0.0	3.1	*	2.7	4.7	*
Cholecystectomy	45	6.7	3.0	*	11.1	5.1	*	11.1	6.8	*
Hysterectomy	15	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,957	11.7	9.1	1.1	16.1	13.5	1.1	19.1	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	90	34.4	25.9	6.0	36.7	29.4	6.5	44.4	32.9	7.2
Congestive Heart Failure	113	20.4	15.9	5.2	30.1	23.9	8.0	37.2	30.5	9.3
Pneumonia/Influenza	84	16.7	16.1	6.6	26.2	21.6	7.9	28.6	26.3	8.0
Chronic Obstructive Pulmonary Disease	39	10.3	7.0	*	12.8	12.6	*	17.9	17.4	*
Transient Cerebral Ischemia	21	9.5	2.0	*	9.5	4.4	*	19.0	7.0	*
Stroke	79	19.0	19.8	4.6	21.5	26.7	6.0	26.6	30.9	6.1
Hip Fracture	46	10.9	6.3	*	13.0	10.9	*	15.2	14.0	*
Sepsis	25	44.0	32.3	*	48.0	40.2	*	48.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	22.2	5.2	*	22.2	7.1	*	22.2	8.7	*
Carotid Endarterectomy	7	0.0	1.3	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	21	4.8	4.6	*	4.8	7.7	*	4.8	9.8	*
Open Reduction of Hip Fracture	29	10.3	5.2	*	10.3	9.9	*	13.8	13.0	*
Prostatectomy	29	0.0	0.6	*	3.4	1.5	*	3.4	2.5	*
Cholecystectomy	32	0.0	3.1	*	0.0	4.9	*	0.0	6.2	*
Hysterectomy	9	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

428 Biltmore Ave
Asheville, NC 28801

Medicare Provider Number: 340105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,653	7.7	7.7	0.5	12.1	11.9	0.6	15.4	15.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	131	26.0	24.5	4.0	33.6	28.1	4.3	42.0	31.6	5.3
Congestive Heart Failure	115	18.3	14.5	3.6	28.7	22.1	4.6	39.1	28.5	6.3
Pneumonia/Influenza	115	16.5	15.3	4.1	20.0	20.7	3.8	23.5	25.1	4.9
Chronic Obstructive Pulmonary Disease	41	7.3	5.1	*	9.8	9.0	*	17.1	12.7	*
Transient Cerebral Ischemia	33	6.1	2.1	*	6.1	4.6	*	6.1	7.4	*
Stroke	123	22.0	20.4	3.8	26.8	27.4	4.6	30.9	32.0	4.7
Hip Fracture	142	4.9	6.6	2.7	11.3	11.5	2.7	15.5	14.7	3.2
Sepsis	37	18.9	24.7	*	35.1	32.5	*	37.8	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	3.4	*	0.0	6.4	*	7.1	9.2	*
Carotid Endarterectomy	9	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	143	2.1	3.0	1.6	4.2	5.4	2.2	6.3	7.1	2.6
Open Reduction of Hip Fracture	53	3.8	5.7	3.5	11.3	10.6	4.3	18.9	13.7	7.3
Prostatectomy	237	1.7	1.0	1.0	2.1	2.2	1.0	2.5	3.7	1.5
Cholecystectomy	123	3.3	2.7	3.3	7.3	4.7	3.6	8.9	6.1	4.3
Hysterectomy	33	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	315
Occupancy Rate	74
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	354
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	313
Licensed Practical Nurses	68

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 340105

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,917	8.1	8.1	0.5	12.2	12.4	0.6	15.6	15.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	127	26.8	25.8	4.9	29.1	29.1	4.5	30.7	32.5	4.4
Congestive Heart Failure	115	14.8	15.6	3.7	27.0	23.5	4.5	37.4	30.2	6.7
Pneumonia/Influenza	108	20.4	17.0	4.4	25.9	22.8	4.7	33.3	27.4	5.8
Chronic Obstructive Pulmonary Disease	38	5.3	7.1	*	15.8	12.5	*	21.1	16.9	*
Transient Cerebral Ischemia	34	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	144	20.1	21.5	4.5	25.7	28.6	5.8	29.9	33.2	7.4
Hip Fracture	126	8.7	6.9	5.1	12.7	12.1	4.7	17.5	15.4	4.6
Sepsis	31	25.8	22.5	*	29.0	29.9	*	32.3	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	6.7	*	16.7	10.1	*	16.7	13.2	*
Carotid Endarterectomy	12	0.0	1.5	*	8.3	2.7	*	8.3	4.0	*
Hip Replacement/Reconstruction	157	2.5	2.9	2.0	5.1	5.3	2.3	8.3	7.0	2.7
Open Reduction of Hip Fracture	42	16.7	5.9	*	21.4	11.0	*	23.8	14.3	*
Prostatectomy	211	1.4	0.9	0.8	2.4	2.2	1.2	3.8	3.6	1.3
Cholecystectomy	91	4.4	2.4	1.9	4.4	4.4	2.2	4.4	5.8	2.8
Hysterectomy	41	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,909	7.5	7.3	0.4	11.9	11.4	0.7	14.9	14.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	102	30.4	26.3	6.8	35.3	29.5	7.1	37.3	32.8	7.0
Congestive Heart Failure	132	12.9	14.7	3.6	24.2	22.6	3.9	28.8	29.4	4.0
Pneumonia/Influenza	92	14.1	16.9	4.2	20.7	22.9	5.6	23.9	27.6	5.1
Chronic Obstructive Pulmonary Disease	71	7.0	5.8	3.5	15.5	10.7	6.4	19.7	14.9	7.2
Transient Cerebral Ischemia	46	0.0	1.9	*	8.7	4.2	*	8.7	6.7	*
Stroke	133	18.0	21.6	5.4	25.6	28.6	6.5	27.8	33.1	7.5
Hip Fracture	122	5.7	6.3	2.8	9.8	11.4	3.6	12.3	14.9	4.5
Sepsis	34	23.5	25.1	*	41.2	32.8	*	44.1	38.6	*
PROCEDURES:										
Angioplasty	1	0.0	0.9	*	0.0	1.4	*	0.0	2.0	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.7	*	0.0	5.1	*	0.0	7.5	*
Carotid Endarterectomy	7	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	154	1.9	2.7	2.3	3.2	5.2	3.3	4.5	7.0	3.5
Open Reduction of Hip Fracture	38	13.2	5.6	*	13.2	10.7	*	13.2	14.1	*
Prostatectomy	234	0.0	0.8	1.1	1.7	2.1	1.0	3.0	3.5	1.4
Cholecystectomy	110	3.6	2.4	2.5	6.4	4.3	2.6	6.4	5.5	2.5
Hysterectomy	36	2.8	0.8	*	2.8	1.8	*	2.8	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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St. JOSEPH'S HOSPITAL
428 Biltmore Ave.
Asheville, North Carolina 28801 · 704/255-3100

January 10, 1991

Ms. Sandra Kappert
Health Standards and Qaulity Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

REF: PROVIDER NO. 3400105

Dear Ms. Kappert:

The mortality data which has been received from the Health Care Financing Administration has been reviewed and analyzed by hospital personnel. Our analysis indicates that for 1988 and 1989, the hospital is at the predicted mortality rate for "all causes" and for 1987, falls well within the predicted range. When reviewing specific conditions and procedures which were addressed in the total population, overall the hospital falls within the established boundaries at the 95th percentile for the three year time period.

Variances in the mortality data have been addressed through the hospital's quality improvement process.

St. Joseph's Hospital and Medical Staff will continue to use this information to improve the quality of care for our patients.

Sincerely,

J. Lewis Daniels
President and CEO

CPS/JLD/ccr

Founded by the Sisters of Mercy in 1900

ST LUKES HOSPITAL

220 Hospital Dr
Columbus, NC 28722

Medicare Provider Number: 340018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	577	9.7	8.7	1.5	12.8	13.1	1.4	16.1	16.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	21.5	*	18.2	24.0	*	18.2	26.9	*
Congestive Heart Failure	26	23.1	17.6	*	26.9	27.4	*	38.5	35.4	*
Pneumonia/Influenza	19	0.0	16.6	*	0.0	22.1	*	5.3	26.6	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.8	*	0.0	11.5	*	0.0	16.7	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.4	*	0.0	7.2	*
Stroke	30	26.7	24.6	*	33.3	31.3	*	40.0	36.1	*
Hip Fracture	16	18.8	6.6	*	18.8	12.8	*	25.0	17.4	*
Sepsis	2	100.0	27.6	*	100.0	36.8	*	100.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	8.7	*	0.0	11.7	*	0.0	13.9	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	6	16.7	2.4	*	16.7	4.5	*	33.3	6.3	*
Open Reduction of Hip Fracture	7	42.9	6.1	*	42.9	11.9	*	42.9	16.1	*
Prostatectomy	29	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	25	0.0	2.5	*	4.0	4.5	*	4.0	5.6	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	89
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST LUKES HOSPITAL

Medicare Provider Number: 340018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	544	7.9	8.3	1.8	12.5	12.5	1.7	15.4	15.8	1.9
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	26.1	*	30.8	29.8	*	30.8	33.9	*
Congestive Heart Failure	26	23.1	16.0	*	30.8	24.3	*	34.6	31.1	*
Pneumonia/Influenza	16	18.8	15.5	*	18.8	20.6	*	18.8	24.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	9.3	*	50.0	14.7	*	50.0	19.4	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	13	15.4	23.6	*	23.1	30.0	*	23.1	34.6	*
Hip Fracture	22	0.0	4.6	*	0.0	8.8	*	0.0	11.8	*
Sepsis	7	14.3	21.5	*	28.6	28.9	*	28.6	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	3.5	*	100.0	5.5	*
Carotid Endarterectomy	2	0.0	1.4	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	6	0.0	3.6	*	0.0	7.6	*	0.0	11.0	*
Open Reduction of Hip Fracture	4	0.0	4.4	*	0.0	9.1	*	0.0	12.7	*
Prostatectomy	25	0.0	0.8	*	4.0	1.9	*	4.0	3.0	*
Cholecystectomy	27	3.7	2.4	*	3.7	4.6	*	3.7	6.3	*
Hysterectomy	5	0.0	0.8	*	0.0	1.6	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	456	7.0	9.5	2.2	11.6	14.1	2.6	15.4	17.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	31.1	*	28.6	34.0	*	42.9	37.3	*
Congestive Heart Failure	32	12.5	17.9	*	21.9	26.4	*	28.1	33.6	*
Pneumonia/Influenza	16	6.3	11.8	*	6.3	16.4	*	12.5	20.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.9	*	0.0	9.0	*	0.0	12.4	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	22	13.6	22.5	*	18.2	28.8	*	22.7	33.4	*
Hip Fracture	27	7.4	5.3	*	7.4	9.9	*	14.8	13.2	*
Sepsis	3	0.0	24.7	*	33.3	30.7	*	33.3	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.7	*	0.0	5.5	*	0.0	8.4	*
Carotid Endarterectomy	1	0.0	2.1	*	0.0	4.3	*	0.0	6.5	*
Hip Replacement/Reconstruction	20	10.0	2.6	*	10.0	5.1	*	15.0	6.9	*
Open Reduction of Hip Fracture	8	12.5	5.9	*	12.5	11.3	*	12.5	15.2	*
Prostatectomy	22	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy	16	0.0	4.9	*	6.3	8.0	*	12.5	9.7	*
Hysterectomy	1	0.0	2.2	*	0.0	5.6	*	0.0	9.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STANLY MEMORIAL HOSPITAL INC

301 Yadkin St Box 1489
Albemarle, NC 28001

Medicare Provider Number: 340119

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,173	11.3	10.5	1.0	14.9	15.3	1.1	18.2	19.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	49	44.9	28.5	*	46.9	31.4	*	46.9	34.8	*
Congestive Heart Failure	86	18.6	14.4	4.9	27.9	22.5	8.6	37.2	29.2	8.8
Pneumonia/Influenza	75	9.3	13.9	5.2	10.7	18.7	6.9	13.3	22.8	8.2
Chronic Obstructive Pulmonary Disease	13	0.0	10.1	*	7.7	17.8	*	23.1	24.4	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	4.1	*	9.1	6.6	*
Stroke	93	18.3	21.1	6.3	24.7	27.8	5.9	31.2	32.3	5.2
Hip Fracture	36	2.8	6.7	*	2.8	11.8	*	2.8	15.1	*
Sepsis	10	10.0	27.1	*	30.0	34.8	*	40.0	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	4.1	*	6.7	7.9	*	13.3	10.9	*
Open Reduction of Hip Fracture	24	0.0	6.0	*	0.0	11.0	*	0.0	14.3	*
Prostatectomy	38	0.0	1.3	*	0.0	3.1	*	0.0	5.3	*
Cholecystectomy	18	0.0	2.2	*	0.0	3.6	*	0.0	4.4	*
Hysterectomy	6	0.0	1.4	*	0.0	3.5	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	124
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	75
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STANLY MEMORIAL HOSPITAL INC

Medicare Provider Number: 340119

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,086	11.7	11.3	1.0	16.6	15.8	1.3	19.9	19.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	67	34.3	30.6	6.1	38.8	34.0	6.6	43.3	37.7	7.2
Congestive Heart Failure	79	17.7	16.1	4.8	27.8	24.6	5.6	34.2	31.5	5.9
Pneumonia/Influenza	75	21.3	17.0	7.9	28.0	22.8	8.9	32.0	27.6	9.7
Chronic Obstructive Pulmonary Disease	10	0.0	6.2	*	10.0	12.3	*	10.0	17.6	*
Transient Cerebral Ischemia	17	0.0	2.4	*	0.0	5.3	*	5.9	8.5	*
Stroke	74	21.6	19.0	5.4	28.4	25.1	7.8	32.4	29.4	8.1
Hip Fracture	39	5.1	5.7	*	12.8	10.1	*	15.4	13.0	*
Sepsis	6	16.7	22.3	*	16.7	29.0	*	16.7	35.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.7	*	7.1	4.8	*	7.1	6.3	*
Open Reduction of Hip Fracture	33	6.1	5.3	*	12.1	9.9	*	15.2	13.0	*
Prostatectomy	34	0.0	1.4	*	0.0	3.4	*	0.0	5.7	*
Cholecystectomy	31	0.0	3.7	*	0.0	5.9	*	0.0	7.0	*
Hysterectomy	8	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	980	13.1	11.2	1.4	18.3	15.9	1.5	20.9	19.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	68	30.9	29.1	5.8	35.3	32.4	6.3	39.7	36.0	6.9
Congestive Heart Failure	76	23.7	15.6	7.8	34.2	23.5	8.5	36.8	30.2	7.2
Pneumonia/Influenza	42	11.9	15.7	*	21.4	21.4	*	23.8	26.2	*
Chronic Obstructive Pulmonary Disease	10	10.0	5.4	*	20.0	10.0	*	40.0	13.9	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.4	*	0.0	7.0	*
Stroke	72	25.0	20.8	8.7	31.9	27.5	7.2	34.7	32.2	7.2
Hip Fracture	29	10.3	7.1	*	17.2	12.5	*	17.2	15.8	*
Sepsis	4	0.0	22.2	*	0.0	28.4	*	0.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.3	*	0.0	4.5	*	0.0	6.2	*
Open Reduction of Hip Fracture	25	8.0	6.1	*	16.0	11.2	*	16.0	14.5	*
Prostatectomy	21	0.0	1.3	*	0.0	3.2	*	0.0	5.4	*
Cholecystectomy	23	0.0	2.6	*	4.3	4.3	*	4.3	5.5	*
Hysterectomy	8	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

STOKES-REYNOLDS MEMORIAL HOSPITAL

P O Box 10
Danbury, NC 27016

Medicare Provider Number: 340019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	339	9.4	12.9	2.3	15.6	19.1	2.5	19.5	23.5	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	28.6	*	37.5	33.4	*	37.5	37.2	*
Congestive Heart Failure	26	15.4	17.5	*	26.9	28.1	*	30.8	36.2	*
Pneumonia/Influenza	69	7.2	18.4	6.4	20.3	24.5	6.5	20.3	28.8	6.7
Chronic Obstructive Pulmonary Disease	2	0.0	7.2	*	0.0	12.1	*	0.0	16.6	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.9	*	12.5	7.7	*
Stroke	38	15.8	19.8	*	18.4	27.9	*	23.7	32.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	4.0	*	0.0	6.2	*	0.0	7.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	93
Occupancy Rate	75
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STOKES-REYNOLDS MEMORIAL HOSPITAL

Medicare Provider Number: 340019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	347	8.4	12.4	2.4	12.7	18.1	2.9	15.6	22.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	33.3	*	35.7	37.5	*	35.7	41.2	*
Congestive Heart Failure	31	12.9	11.8	*	19.4	19.1	*	25.8	25.6	*
Pneumonia/Influenza	60	13.3	19.0	8.1	20.0	25.5	7.9	23.3	30.2	7.8
Chronic Obstructive Pulmonary Disease	4	0.0	8.6	*	0.0	15.7	*	0.0	21.9	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke	38	10.5	18.2	*	13.2	25.4	*	13.2	30.0	*
Hip Fracture	0									
Sepsis	1	0.0	22.6	*	0.0	27.4	*	0.0	33.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	0									

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	317	12.0	13.7	2.7	16.7	19.5	3.2	21.8	23.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	28.6	*	45.0	32.4	*	55.0	36.0	*
Congestive Heart Failure	18	22.2	19.4	*	22.2	30.1	*	38.9	38.4	*
Pneumonia/Influenza	59	16.9	18.4	5.3	20.3	24.9	6.9	27.1	29.6	6.3
Chronic Obstructive Pulmonary Disease	3	0.0	8.5	*	0.0	13.9	*	0.0	18.4	*
Transient Cerebral Ischemia	4	0.0	1.2	*	0.0	2.4	*	0.0	3.7	*
Stroke	45	6.7	17.3	*	11.1	24.8	*	13.3	29.7	*
Hip Fracture	0									
Sepsis	3	0.0	52.7	*	33.3	65.4	*	66.7	73.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.3	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy	0									

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SWAIN COUNTY HOSPITAL

965 Plateau St
Bryson City, NC 28713

Medicare Provider Number: 340031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	405	13.3	10.1	2.0	18.3	14.9	2.4	23.2	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	23.9	*	46.2	26.6	*	46.2	30.0	*
Congestive Heart Failure	21	33.3	14.4	*	33.3	21.7	*	42.9	27.9	*
Pneumonia/Influenza	27	11.1	17.4	*	22.2	23.8	*	29.6	28.7	*
Chronic Obstructive Pulmonary Disease	9	0.0	7.8	*	0.0	12.8	*	0.0	17.5	*
Transient Cerebral Ischemia	9	0.0	2.2	*	0.0	5.0	*	0.0	7.9	*
Stroke	17	41.2	16.5	*	41.2	22.4	*	41.2	26.5	*
Hip Fracture	5	0.0	7.4	*	0.0	13.2	*	0.0	16.9	*
Sepsis	9	11.1	25.7	*	11.1	33.9	*	22.2	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	6.3	*	0.0	11.6	*	0.0	15.0	*
Open Reduction of Hip Fracture	2	0.0	7.5	*	0.0	14.0	*	0.0	18.0	*
Prostatectomy	0									
Cholecystectomy	6	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	40
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SWAIN COUNTY HOSPITAL

Medicare Provider Number: 340031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	420	11.2	10.2	2.5	15.5	15.3	2.4	19.0	19.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	24.2	*	20.0	27.0	*	20.0	30.2	*
Congestive Heart Failure	30	46.7	18.3	*	53.3	26.4	*	60.0	33.0	*
Pneumonia/Influenza	34	17.6	16.5	*	23.5	22.1	*	26.5	26.4	*
Chronic Obstructive Pulmonary Disease	9	0.0	9.6	*	11.1	18.5	*	22.2	24.9	*
Transient Cerebral Ischemia	12	8.3	3.2	*	16.7	7.5	*	16.7	12.0	*
Stroke	15	20.0	16.9	*	20.0	22.2	*	26.7	26.3	*
Hip Fracture	9	11.1	11.6	*	33.3	19.2	*	33.3	23.5	*
Sepsis	9	22.2	34.3	*	22.2	44.5	*	33.3	51.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	7.5	*	16.7	12.9	*	16.7	15.9	*
Open Reduction of Hip Fracture	2	50.0	21.5	*	100.0	37.7	*	100.0	46.3	*
Prostatectomy	0									
Cholecystectomy	10	0.0	3.1	*	0.0	5.5	*	0.0	7.0	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	395	9.6	9.7	1.6	13.9	14.4	1.8	18.0	18.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	26	19.2	21.1	*	26.9	24.8	*	30.8	28.5	*
Congestive Heart Failure	16	18.8	17.8	*	18.8	26.1	*	18.8	32.9	*
Pneumonia/Influenza	12	0.0	13.9	*	0.0	19.0	*	25.0	23.2	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.3	*	40.0	16.1	*	40.0	22.6	*
Transient Cerebral Ischemia	11	0.0	2.4	*	0.0	5.4	*	9.1	8.7	*
Stroke	13	7.7	24.6	*	7.7	30.0	*	7.7	34.5	*
Hip Fracture	11	18.2	7.1	*	18.2	12.8	*	18.2	16.8	*
Sepsis	6	33.3	24.4	*	66.7	29.8	*	66.7	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	12.9	*	0.0	24.2	*	0.0	31.7	*
Open Reduction of Hip Fracture	6	16.7	3.4	*	16.7	6.6	*	16.7	9.0	*
Prostatectomy	0									
Cholecystectomy	21	4.8	2.4	*	4.8	3.9	*	4.8	4.9	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

THE BRUNSWICK HOSPITAL

Highway 17 South Box 139
Supply, NC 28462

Medicare Provider Number: 340158

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	397	6.8	7.9	1.5	11.1	11.7	1.7	14.4	15.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	21	14.3	19.7	*	23.8	22.2	*	23.8	25.1	*
Congestive Heart Failure	13	23.1	13.3	*	23.1	20.8	*	46.2	27.5	*
Pneumonia/Influenza	24	12.5	13.4	*	16.7	18.3	*	20.8	22.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	3.1	*	0.0	5.7	*	0.0	8.3	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.0	*	0.0	6.1	*
Stroke	20	20.0	15.5	*	25.0	21.1	*	30.0	25.3	*
Hip Fracture	12	0.0	5.8	*	0.0	10.6	*	0.0	13.8	*
Sepsis	5	20.0	32.0	*	60.0	40.8	*	60.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.2	*	0.0	9.9	*	0.0	13.2	*
Open Reduction of Hip Fracture	6	0.0	4.8	*	0.0	9.1	*	0.0	12.1	*
Prostatectomy	0									
Cholecystectomy	8	0.0	1.7	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	2	0.0	0.5	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	49
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	Yes
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

THE BRUNSWICK HOSPITAL

Medicare Provider Number: 340158

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	12.5	7.6	2.3	17.0	11.1	2.3	19.4	14.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	26.2	*	20.0	29.1	*	20.0	32.5	*
Congestive Heart Failure	15	40.0	12.9	*	40.0	19.6	*	40.0	25.5	*
Pneumonia/Influenza	20	30.0	14.4	*	40.0	19.5	*	45.0	23.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.9	*	25.0	10.6	*	25.0	13.7	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	3.9	*	20.0	6.1	*
Stroke	18	27.8	18.5	*	33.3	23.9	*	33.3	28.3	*
Hip Fracture	7	14.3	5.0	*	14.3	8.7	*	14.3	11.0	*
Sepsis	2	0.0	20.2	*	0.0	24.9	*	0.0	29.8	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Open Reduction of Hip Fracture	5	0.0	3.5	*	0.0	6.6	*	0.0	8.8	*
Prostatectomy	0									
Cholecystectomy	6	0.0	1.3	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	268	13.1	8.9	2.6	19.0	13.0	3.5	20.1	16.3	3.3
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	23.6	*	47.1	26.2	*	47.1	29.3	*
Congestive Heart Failure	10	20.0	15.0	*	30.0	23.5	*	40.0	30.6	*
Pneumonia/Influenza	6	16.7	14.1	*	16.7	19.2	*	16.7	23.6	*
Chronic Obstructive Pulmonary Disease	2	50.0	6.6	*	50.0	11.7	*	50.0	16.0	*
Transient Cerebral Ischemia	2	0.0	2.6	*	0.0	5.4	*	0.0	8.7	*
Stroke	18	16.7	17.9	*	38.9	24.0	*	44.4	28.8	*
Hip Fracture	3	0.0	3.0	*	33.3	6.1	*	33.3	8.4	*
Sepsis	3	33.3	24.5	*	33.3	32.6	*	33.3	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	1.2	*	0.0	2.4	*	0.0	3.2	*
Open Reduction of Hip Fracture	2	0.0	2.6	*	50.0	5.6	*	50.0	8.0	*
Prostatectomy	0									
Cholecystectomy	3	0.0	1.7	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THE MCDOWELL HOSPITAL

100 Rankin Drive
Marion, NC 28752

Medicare Provider Number: 340087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	863	9.7	8.1	1.6	14.1	12.5	2.0	18.0	16.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	34	17.6	23.2	*	20.6	25.9	*	20.6	28.8	*
Congestive Heart Failure	49	16.3	13.7	*	26.5	22.3	*	30.6	29.5	*
Pneumonia/Influenza	37	24.3	14.1	*	29.7	19.6	*	35.1	23.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.1	*	0.0	11.3	*	0.0	15.2	*
Transient Cerebral Ischemia	20	5.0	1.6	*	5.0	3.7	*	5.0	6.0	*
Stroke	27	14.8	15.5	*	29.6	21.8	*	40.7	25.9	*
Hip Fracture	16	0.0	4.6	*	0.0	8.5	*	0.0	11.5	*
Sepsis	11	0.0	23.2	*	18.2	32.6	*	27.3	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	12.7	*	0.0	19.4	*	33.3	24.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.5	*	0.0	7.2	*	0.0	10.1	*
Open Reduction of Hip Fracture	4	0.0	4.9	*	0.0	8.9	*	0.0	11.8	*
Prostatectomy	29	3.4	1.0	*	3.4	2.3	*	3.4	3.8	*
Cholecystectomy	24	0.0	3.1	*	0.0	5.4	*	0.0	6.8	*
Hysterectomy	6	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	65
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	65
Medical Residents/Interns	0
Registered Nurses	52
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THE MCDOWELL HOSPITAL

Medicare Provider Number: 340087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	864	10.2	9.5	1.5	15.4	14.2	2.0	18.6	17.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	34	29.4	27.9	*	32.4	31.4	*	38.2	35.0	*
Congestive Heart Failure	48	14.6	12.6	*	20.8	19.6	*	27.1	25.5	*
Pneumonia/Influenza	48	16.7	14.8	*	29.2	20.1	*	39.6	24.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.6	*	0.0	9.1	*	0.0	12.1	*
Transient Cerebral Ischemia	19	0.0	2.1	*	0.0	4.6	*	0.0	7.4	*
Stroke	29	17.2	21.8	*	31.0	27.9	*	34.5	32.5	*
Hip Fracture	21	9.5	5.1	*	23.8	9.4	*	23.8	12.2	*
Sepsis	15	6.7	26.0	*	13.3	33.9	*	13.3	40.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.9	*	11.1	9.6	*	11.1	12.7	*
Open Reduction of Hip Fracture	2	0.0	6.6	*	50.0	11.9	*	50.0	15.0	*
Prostatectomy	30	3.3	0.9	*	3.3	2.2	*	3.3	3.8	*
Cholecystectomy	13	0.0	3.1	*	0.0	5.2	*	7.7	6.4	*
Hysterectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	857	9.6	8.1	1.1	13.9	12.4	1.3	17.0	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	24	54.2	29.2	*	54.2	32.1	*	58.3	35.2	*
Congestive Heart Failure	63	14.3	14.9	4.5	22.2	23.2	5.7	33.3	30.0	7.8
Pneumonia/Influenza	36	11.1	12.9	*	13.9	17.8	*	13.9	22.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.5	*	20.0	11.6	*	20.0	16.0	*
Transient Cerebral Ischemia	23	4.3	2.3	*	8.7	5.2	*	13.0	8.6	*
Stroke	41	22.0	18.1	*	29.3	24.2	*	31.7	28.7	*
Hip Fracture	17	5.9	4.6	*	5.9	8.7	*	5.9	11.7	*
Sepsis	10	30.0	27.4	*	40.0	34.8	*	40.0	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.9	*	0.0	9.3	*	0.0	12.4	*
Open Reduction of Hip Fracture	9	0.0	4.2	*	0.0	8.4	*	0.0	11.6	*
Prostatectomy	34	2.9	1.3	*	2.9	3.3	*	11.8	5.7	*
Cholecystectomy	18	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	9	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THE MOSES H CONE MEMORIAL HOSPITAL

1200 N Elm St
Greensboro, NC 27401

Medicare Provider Number: 340091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,119	9.0	8.9	0.5	13.9	13.3	0.7	17.4	16.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	211	19.4	23.6	5.5	22.7	26.7	5.4	25.6	29.8	5.9
Congestive Heart Failure	203	10.8	13.5	2.6	24.1	21.0	3.2	32.0	27.3	3.6
Pneumonia/Influenza	142	18.3	16.7	4.6	24.6	22.7	3.9	27.5	27.4	3.8
Chronic Obstructive Pulmonary Disease	48	8.3	7.3	*	14.6	13.1	*	16.7	18.2	*
Transient Cerebral Ischemia	46	2.2	1.8	*	4.3	4.0	*	4.3	6.4	*
Stroke	162	22.8	21.1	3.7	27.8	27.0	4.0	30.2	31.4	3.8
Hip Fracture	99	5.1	6.1	2.6	10.1	10.7	3.2	15.2	13.7	5.0
Sepsis	43	16.3	24.7	*	25.6	33.9	*	27.9	40.7	*
PROCEDURES:										
Angioplasty	129	7.8	4.9	4.0	8.5	5.9	3.7	8.5	7.1	3.1
Coronary Artery Bypass Graft	133	3.8	5.8	2.9	4.5	8.5	3.9	6.0	10.2	4.2
Initial Pacemaker Insertion	46	2.2	3.1	*	4.3	6.3	*	8.7	9.3	*
Carotid Endarterectomy	12	0.0	1.2	*	8.3	2.3	*	8.3	3.4	*
Hip Replacement/Reconstruction	63	3.2	3.8	2.5	6.3	7.0	3.3	9.5	9.3	3.7
Open Reduction of Hip Fracture	37	5.4	6.0	*	16.2	11.0	*	21.6	14.4	*
Prostatectomy	160	0.6	1.3	1.0	1.9	2.9	1.5	2.5	4.6	2.3
Cholecystectomy	76	3.9	3.3	2.2	7.9	5.9	3.4	11.8	7.4	5.0
Hysterectomy	33	0.0	0.9	*	3.0	1.8	*	6.1	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	576
Occupancy Rate	85
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	406
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	40
Registered Nurses	712
Licensed Practical Nurses	69

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

THE MOSES H CONE MEMORIAL HOSPITAL

Medicare Provider Number: 340091

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,867	8.5	8.9	0.5	13.3	13.3	0.6	17.0	16.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	165	20.6	25.5	4.0	27.3	28.6	3.7	32.1	32.0	3.7
Congestive Heart Failure	181	15.5	16.4	2.9	27.6	24.9	3.9	31.5	31.8	3.8
Pneumonia/Influenza	131	14.5	15.5	3.2	20.6	21.1	4.0	24.4	25.5	3.9
Chronic Obstructive Pulmonary Disease	35	17.1	7.3	*	22.9	13.3	*	25.7	18.3	*
Transient Cerebral Ischemia	53	0.0	2.1	*	0.0	4.5	*	1.9	7.2	*
Stroke	146	17.8	22.6	4.9	21.9	28.8	5.8	27.4	33.4	5.3
Hip Fracture	87	4.6	7.5	3.8	8.0	13.2	5.0	14.9	16.8	4.2
Sepsis	18	33.3	26.0	*	38.9	34.6	*	50.0	40.6	*
PROCEDURES:										
Angioplasty	120	6.7	5.9	2.4	6.7	7.0	2.4	7.5	8.2	2.7
Coronary Artery Bypass Graft	131	6.9	5.9	2.5	10.7	8.5	3.1	12.2	10.1	4.6
Initial Pacemaker Insertion	30	0.0	5.3	*	3.3	9.0	*	3.3	12.4	*
Carotid Endarterectomy	16	6.3	1.8	*	6.3	3.5	*	6.3	5.1	*
Hip Replacement/Reconstruction	69	2.9	3.9	2.8	2.9	7.6	4.5	10.1	10.1	3.7
Open Reduction of Hip Fracture	34	2.9	7.0	*	8.8	12.6	*	8.8	16.0	*
Prostatectomy	145	1.4	1.1	1.0	2.1	2.7	1.5	4.8	4.4	1.8
Cholecystectomy	78	2.6	2.6	2.5	3.8	4.5	2.7	6.4	5.9	2.7
Hysterectomy	33	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,466	9.2	9.4	0.6	14.4	13.8	0.9	17.9	17.3	0.7
CONDITIONS:										
Acute Myocardial Infarction	169	21.3	27.3	4.0	22.5	30.2	4.4	23.1	33.3	5.1
Congestive Heart Failure	145	23.4	17.4	5.2	33.1	26.0	5.0	37.9	33.1	4.6
Pneumonia/Influenza	76	19.7	16.0	6.4	25.0	21.5	6.7	30.3	26.0	8.8
Chronic Obstructive Pulmonary Disease	44	13.6	8.3	*	15.9	13.5	*	29.5	17.8	*
Transient Cerebral Ischemia	42	2.4	2.1	*	4.8	4.5	*	4.8	7.0	*
Stroke	139	17.3	23.7	5.2	26.6	29.9	5.2	28.8	34.5	5.6
Hip Fracture	82	3.7	6.1	3.9	7.3	10.8	4.9	13.4	13.9	3.9
Sepsis	21	23.8	26.0	*	38.1	33.9	*	47.6	39.3	*
PROCEDURES:										
Angioplasty	137	7.3	6.6	2.3	8.0	7.6	2.3	8.0	8.9	2.6
Coronary Artery Bypass Graft	120	5.8	5.7	2.4	7.5	7.8	2.5	10.0	9.2	2.9
Initial Pacemaker Insertion	25	4.0	3.8	*	12.0	7.6	*	12.0	11.1	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	55	1.8	2.9	2.8	3.6	5.6	3.8	7.3	7.4	3.6
Open Reduction of Hip Fracture	30	3.3	4.8	*	6.7	9.1	*	6.7	12.0	*
Prostatectomy	193	3.1	1.4	1.6	3.6	3.4	2.2	8.3	5.6	3.2
Cholecystectomy	64	0.0	2.8	3.3	3.1	5.0	3.1	3.1	6.5	4.2
Hysterectomy	26	3.8	1.2	*	3.8	2.6	*	7.7	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THE MOSES H. CONE MEMORIAL HOSPITAL
1200 NORTH ELM STREET, GREENSBORO, NORTH CAROLINA 27401-1020

EXECUTIVE OFFICES

January 15, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to comment on the Medicare Mortality Data. We have received information covering The Moses H. Cone Memorial Hospital for federal fiscal years 1987, 1988, and 1989. The 1988 and 1989 data includes The Greensboro Hospital (now operating as The Women's Hospital of Greensboro), which became part of the Moses Cone system in June of 1988. In reviewing the data for accuracy, we found that there was no patient data provided for 1987; however, the remaining data appears to be correct.

We are pleased that the mortality rates provided appear consistent with earlier published data which have uniformly shown us to be within predicted ranges. Although we continue to have concerns about the limitations of the mortality data as a measure of quality, we do appreciate HCFA's continued efforts to refine the methodology for calculating expected mortality rates and believe that this year's release represents an improvement over past releases, and these indicators will be useful in support of our overall quality management program. We must say, however, that the lack of severity adjustment to acknowledge differences in patient acuity does hinder the value of the data. As a regional tertiary care facility, our hospital treats patients whose needs are more complex and acute than would be the case at the "average" facility. Therefore, it is not possible to draw conclusions from the data presented.

We sincerely believe that the monitoring and evaluation programs that are in place at our institutions offer a far better indication and assurance to the public, than mortality rates, that the quality of care provided at The Moses H. Cone Memorial Hospital and The Women's Hospital of Greensboro is our most important concern. Superior patient care is the cornerstone of our institutions, and our commitment to this principle is demonstrated by our daily involvement in monitoring and evaluating the provision of this care to ensure excellence. Our quality assurance program employs a comprehensive process that involves every hospital department, as well as each clinical service of the Medical & Dental Staff. Each area has an ongoing monitoring and evaluation system that reviews both critical and non-critical aspects of care. This process accomplishes two goals: (1) it helps to identify any deviations from our standards, which may then be analyzed and acted upon if corrective action is necessary, and (2) it identifies opportunities to improve the quality of care being rendered.

Our Medical and Dental Staff applies a peer review methodology to review the quality of care provided by members of the staff. Reviewing all mortalities is just one component of this function in which thousands of cases are screened and evaluated. The results of these reviews, as well as hospital departmental quality assurance activities mentioned previously, are summarized and monitored by the Medical & Dental Staff leadership and the Hospital's Board of Trustees.

We sincerely look forward to continued efforts in the future by HCFA, JCAHO and others to develop meaningful indicators and outcome measures which can be used to monitor the quality of care, and to make more meaningful comparisons to national standards. We are eager to incorporate such tools as part of our overall program to ensure that our patients receive the very best medical care available.

Sincerely yours,

Frederick R. Levick

Frederick R. Levick
Vice President, Support Services

/fl

TRANSYLVANIA COMMUNITY HOSPITAL INC

Hospital Dr Box 1116
Brevard, NC 28712

Medicare Provider Number: 340088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	487	11.1	8.3	2.0	15.0	12.4	2.1	18.1	15.7	2.2
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	26.1	*	29.0	29.8	*	29.0	33.5	*
Congestive Heart Failure	15	0.0	14.3	*	6.7	22.4	*	13.3	29.1	*
Pneumonia/Influenza	14	21.4	14.5	*	21.4	19.7	*	28.6	24.1	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.5	*	28.6	8.3	*	42.9	12.0	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	14	35.7	20.0	*	50.0	25.6	*	50.0	29.9	*
Hip Fracture	18	5.6	5.1	*	11.1	9.6	*	11.1	13.0	*
Sepsis	8	25.0	20.6	*	25.0	28.2	*	25.0	33.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	4.4	*	8.3	8.2	*	8.3	11.1	*
Open Reduction of Hip Fracture	8	12.5	4.0	*	12.5	8.0	*	12.5	11.2	*
Prostatectomy	34	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	9	0.0	2.5	*	0.0	5.1	*	0.0	7.0	*
Hysterectomy	11	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	96
Medical Residents/Interns	0
Registered Nurses	50
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRANSYLVANIA COMMUNITY HOSPITAL INC
Medicare Provider Number: 340088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	464	9.7	9.2	1.5	12.7	13.5	1.7	16.4	16.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	29	10.3	24.4	*	13.8	27.4	*	17.2	30.8	*
Congestive Heart Failure	11	18.2	12.9	*	27.3	19.4	*	27.3	25.2	*
Pneumonia/Influenza	15	0.0	17.3	*	0.0	24.0	*	26.7	29.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.4	*	0.0	9.7	*	50.0	13.5	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	27	29.6	18.4	*	40.7	24.7	*	51.9	29.1	*
Hip Fracture	15	0.0	4.8	*	6.7	8.8	*	13.3	11.6	*
Sepsis	5	20.0	29.0	*	40.0	38.7	*	40.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	4.9	*	0.0	7.6	*	8.3	9.6	*
Open Reduction of Hip Fracture	9	0.0	4.5	*	11.1	8.6	*	11.1	11.5	*
Prostatectomy	29	3.4	0.6	*	3.4	1.5	*	3.4	2.5	*
Cholecystectomy	3	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hysterectomy	8	0.0	1.9	*	0.0	4.0	*	0.0	6.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	442	9.7	8.0	1.8	12.0	11.7	1.7	14.5	14.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	16.7	17.8	*	22.2	20.7	*	22.2	23.9	*
Congestive Heart Failure	12	25.0	14.4	*	25.0	22.2	*	25.0	28.9	*
Pneumonia/Influenza	17	17.6	12.9	*	17.6	18.0	*	23.5	22.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.5	*	20.0	14.8	*	20.0	19.3	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	2.7	*	0.0	4.1	*
Stroke	20	15.0	22.9	*	20.0	29.3	*	25.0	34.1	*
Hip Fracture	21	9.5	5.3	*	9.5	10.1	*	14.3	13.5	*
Sepsis	5	40.0	17.2	*	40.0	21.7	*	40.0	25.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	3.4	*	0.0	6.5	*	10.0	8.8	*
Open Reduction of Hip Fracture	13	7.7	4.5	*	7.7	9.0	*	7.7	12.4	*
Prostatectomy	28	3.6	1.0	*	3.6	2.4	*	3.6	3.8	*
Cholecystectomy	10	10.0	3.4	*	10.0	7.1	*	10.0	10.0	*
Hysterectomy	7	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNION MEMORIAL HOSPITAL

600 Hospital Dr Box 5003
Monroe, NC 28110

Medicare Provider Number: 340130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	995	8.9	9.0	1.1	14.3	13.1	1.9	17.9	16.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	32.3	*	20.0	37.3	*	24.0	41.7	*
Congestive Heart Failure	44	11.4	13.5	*	22.7	20.4	*	29.5	26.5	*
Pneumonia/Influenza	89	18.0	15.0	5.3	27.0	20.4	6.4	33.7	24.8	6.0
Chronic Obstructive Pulmonary Disease	8	12.5	5.8	*	25.0	10.3	*	37.5	14.5	*
Transient Cerebral Ischemia	8	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	53	11.3	19.2	7.6	22.6	25.0	6.4	24.5	29.3	7.1
Hip Fracture	42	4.8	5.6	*	4.8	10.1	*	9.5	13.1	*
Sepsis	15	33.3	22.3	*	46.7	27.0	*	46.7	32.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	5.7	*	22.2	11.0	*	22.2	15.8	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	16	0.0	2.9	*	0.0	5.6	*	6.3	7.6	*
Open Reduction of Hip Fracture	16	12.5	5.9	*	12.5	11.0	*	18.8	14.4	*
Prostatectomy	41	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	21	0.0	3.6	*	9.5	6.1	*	9.5	7.6	*
Hysterectomy	15	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	176
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	0
Registered Nurses	119
Licensed Practical Nurses	56

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNION MEMORIAL HOSPITAL

Medicare Provider Number: 340130

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	989	10.3	8.8	1.7	15.2	13.0	2.2	18.3	16.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	23.3	*	27.3	26.1	*	27.3	29.3	*
Congestive Heart Failure	31	19.4	15.6	*	22.6	23.3	*	25.8	29.8	*
Pneumonia/Influenza	99	21.2	16.9	6.1	26.3	22.6	7.0	31.3	27.2	6.3
Chronic Obstructive Pulmonary Disease	1	0.0	10.0	*	0.0	15.2	*	0.0	20.1	*
Transient Cerebral Ischemia	5	0.0	3.2	*	20.0	7.3	*	20.0	11.6	*
Stroke	39	35.9	19.4	*	38.5	25.4	*	41.0	29.8	*
Hip Fracture	42	9.5	5.9	*	14.3	10.7	*	14.3	13.8	*
Sepsis	13	30.8	31.5	*	38.5	38.7	*	53.8	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.0	*	0.0	4.4	*	0.0	6.7	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hip Replacement/Reconstruction	20	10.0	3.8	*	15.0	7.1	*	15.0	9.2	*
Open Reduction of Hip Fracture	13	0.0	4.9	*	0.0	9.7	*	0.0	13.0	*
Prostatectomy	44	0.0	1.0	*	4.5	2.3	*	6.8	3.7	*
Cholecystectomy	35	2.9	2.8	*	5.7	5.0	*	5.7	6.6	*
Hysterectomy	15	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	935	11.7	8.7	1.6	15.5	12.8	1.6	17.8	16.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	39	41.0	30.5	*	43.6	33.6	*	43.6	36.9	*
Congestive Heart Failure	43	27.9	14.9	*	32.6	22.0	*	37.2	28.3	*
Pneumonia/Influenza	69	10.1	14.7	4.8	13.0	19.9	6.0	13.0	24.3	7.4
Chronic Obstructive Pulmonary Disease	5	20.0	9.3	*	20.0	15.0	*	20.0	19.5	*
Transient Cerebral Ischemia	9	11.1	2.0	*	11.1	4.1	*	11.1	6.5	*
Stroke	39	30.8	21.7	*	41.0	29.5	*	46.2	34.3	*
Hip Fracture	50	8.0	5.1	*	8.0	9.4	*	10.0	12.4	*
Sepsis	9	44.4	26.2	*	44.4	30.6	*	44.4	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.6	*	16.7	5.6	*	16.7	8.4	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hip Replacement/Reconstruction	23	4.3	4.2	*	4.3	8.3	*	4.3	11.2	*
Open Reduction of Hip Fracture	5	0.0	3.8	*	0.0	7.3	*	0.0	9.9	*
Prostatectomy	53	1.9	0.7	1.5	1.9	1.6	2.0	3.8	2.6	2.3
Cholecystectomy	17	0.0	2.8	*	5.9	4.6	*	5.9	5.5	*
Hysterectomy	7	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNIVERSITY MEMORIAL HOSPITAL

8700 Hwy 29 N Box 560727
Charlotte, NC 28256

Medicare Provider Number: 340166

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	526	8.7	9.6	1.6	14.3	14.5	1.6	17.7	18.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	18	11.1	23.0	*	11.1	26.8	*	11.1	30.4	*
Congestive Heart Failure	22	22.7	13.7	*	22.7	20.5	*	27.3	26.6	*
Pneumonia/Influenza	30	10.0	16.5	*	16.7	22.7	*	30.0	27.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.1	*	20.0	15.0	*	20.0	19.6	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Stroke	32	18.8	18.7	*	25.0	25.6	*	28.1	29.9	*
Hip Fracture	27	3.7	7.7	*	29.6	13.3	*	33.3	17.0	*
Sepsis	3	66.7	31.3	*	66.7	36.1	*	66.7	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.3	*	100.0	5.4	*	100.0	8.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	6.6	*	37.5	12.1	*	50.0	15.7	*
Open Reduction of Hip Fracture	13	7.7	7.7	*	30.8	13.9	*	30.8	17.8	*
Prostatectomy	20	0.0	1.0	*	5.0	2.3	*	5.0	3.8	*
Cholecystectomy	10	10.0	7.9	*	20.0	12.6	*	20.0	14.7	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	102
Occupancy Rate	39
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	167
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	102
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY MEMORIAL HOSPITAL

Medicare Provider Number: 340166

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	407	10.1	9.9	2.0	14.5	14.6	2.7	17.2	18.4	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	29.6	*	33.3	32.8	*	40.0	36.5	*
Congestive Heart Failure	14	21.4	13.9	*	35.7	20.9	*	42.9	27.0	*
Pneumonia/Influenza	24	16.7	15.7	*	20.8	20.9	*	20.8	25.1	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.3	*	0.0	13.7	*	0.0	17.7	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke	18	11.1	18.3	*	22.2	25.5	*	27.8	30.2	*
Hip Fracture	15	13.3	7.1	*	20.0	13.1	*	20.0	17.0	*
Sepsis	4	50.0	39.3	*	50.0	46.3	*	50.0	52.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	8.1	*	0.0	15.7	*	0.0	20.7	*
Open Reduction of Hip Fracture	9	22.2	5.3	*	33.3	10.1	*	33.3	13.3	*
Prostatectomy	18	0.0	1.6	*	0.0	4.0	*	0.0	6.5	*
Cholecystectomy	17	5.9	3.4	*	5.9	5.9	*	5.9	7.5	*
Hysterectomy	3	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	285	8.4	10.4	2.6	15.8	15.5	2.5	19.3	19.2	2.4
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	38.0	*	57.1	41.6	*	57.1	45.8	*
Congestive Heart Failure	9	22.2	18.6	*	55.6	27.9	*	55.6	35.4	*
Pneumonia/Influenza	24	12.5	16.8	*	16.7	22.0	*	25.0	26.4	*
Chronic Obstructive Pulmonary Disease	2	50.0	4.1	*	50.0	7.9	*	50.0	10.8	*
Transient Cerebral Ischemia	5	0.0	1.6	*	0.0	3.2	*	0.0	4.9	*
Stroke	12	16.7	19.4	*	25.0	25.9	*	33.3	30.1	*
Hip Fracture	14	0.0	6.8	*	14.3	12.3	*	14.3	15.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.2	*	0.0	13.5	*	0.0	17.7	*
Open Reduction of Hip Fracture	8	0.0	5.9	*	25.0	11.2	*	25.0	14.7	*
Prostatectomy	11	0.0	1.1	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy	5	0.0	3.0	*	0.0	5.8	*	20.0	8.0	*
Hysterectomy	2	0.0	2.9	*	0.0	5.8	*	0.0	9.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

237.1

University Hospital

R. William Moore, Jr.
Administrator

January 14, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider Number 3400166

Dear Mrs. Kappert:

University Hospital is a 130-bed-not-for-profit community hospital, and a member facility of the Charlotte-Mecklenburg Hospital Authority. University Hospital provides primary and secondary hospital care, and is licensed for the treatment of Medicare and Medicaid patients.

University Hospital appreciates the opportunity to review and respond to the 1988 mortality statistics to be published by Health Care Financing Administration in 1991. We are pleased that the facility's overall mortality rate is well within "acceptable" ranges predicted by HCFA. Of note however, is that in all 17 areas the number of cases or deaths was too small to permit satisfactory estimation of standard deviations.

During the course of its four (4) years of operations, University Hospital has served only a moderate number of Medicare cases. Since HCFA uses only Medicare patients in its mortality data review, the low number treated at University Hospital tends to skew the statistics in either direction. (For instance, the one diagnostic category of 17 reviewed in which University Hospital performed outside the predicted range represented only one patient treated in 1988; this data patently holds no statistical validity.)

The evaluation of quality of patient care including mortality review is an ongoing effort at hospitals like our own, including monthly and quarterly review of cases by peer groups of physicians, quality review professionals, board members and countless other health care providers. It is not just a matter of annual review of mortality information alone, but a myriad of many other important indicators of good patient care.

P.O. BOX 560727, CHARLOTTE, NC 28256 (704) 548-6000

Mrs. Sandra Kappert
Health Care Financing Administration
January 14, 1991
Page 2.

University Hospital is pleased to see that HCFA is asking hospitals across the country for input, as it attempts to develop a system for measuring quality in these institutions. It is our firm hope that the input is used to refine the methodology currently in place so that numbers HCFA makes available to the public truly reflects the quality of care provided in their communities.

Sincerely,

R. William Moore

R. William Moore, Jr.
Administrator

lpm

UNIVERSITY OF NORTH CAROLINA HOSPITAL

University Of North Carolina
Chapel Hill, NC 27514

Medicare Provider Number: 340061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,792	8.8	9.4	0.6	15.3	14.8	0.9	19.9	18.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	111	21.6	24.5	4.3	27.9	27.9	4.6	36.0	31.2	4.8
Congestive Heart Failure	102	13.7	12.4	3.5	19.6	19.3	3.9	26.5	25.3	4.5
Pneumonia/Influenza	86	9.3	14.1	5.7	17.4	19.4	4.8	23.3	23.6	4.6
Chronic Obstructive Pulmonary Disease	30	23.3	8.0	*	30.0	14.3	*	30.0	19.7	*
Transient Cerebral Ischemia	28	0.0	2.1	*	3.6	4.6	*	14.3	7.1	*
Stroke	75	17.3	19.9	8.7	22.7	26.6	7.3	29.3	30.9	5.9
Hip Fracture	49	8.2	7.8	*	16.3	13.1	*	20.4	16.5	*
Sepsis	24	12.5	17.3	*	25.0	23.3	*	41.7	27.8	*
PROCEDURES:										
Angioplasty	31	0.0	3.4	*	0.0	4.3	*	0.0	5.3	*
Coronary Artery Bypass Graft	45	4.4	6.4	*	8.9	8.5	*	11.1	9.7	*
Initial Pacemaker Insertion	14	0.0	3.5	*	0.0	5.7	*	0.0	7.9	*
Carotid Endarterectomy	11	0.0	1.5	*	9.1	2.7	*	9.1	3.8	*
Hip Replacement/Reconstruction	30	0.0	2.7	*	3.3	4.7	*	3.3	6.1	*
Open Reduction of Hip Fracture	9	11.1	7.4	*	11.1	13.3	*	33.3	17.2	*
Prostatectomy	48	0.0	1.3	*	2.1	3.2	*	6.3	5.3	*
Cholecystectomy	34	2.9	2.6	*	5.9	4.6	*	5.9	6.1	*
Hysterectomy	36	2.8	1.1	*	2.8	2.3	*	5.6	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	552
Occupancy Rate	80
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	650
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	313
Registered Nurses	740
Licensed Practical Nurses	113

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

** Not used in calculating hospital mortality rates.

UNIVERSITY OF NORTH CAROLINA HOSPITAL

Medicare Provider Number: 340061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,864	8.9	9.3	0.8	14.7	14.5	0.8	18.8	18.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	88	28.4	27.8	7.1	33.0	31.4	6.2	35.2	35.1	5.2
Congestive Heart Failure	88	10.2	13.9	4.8	19.3	21.3	4.7	30.7	27.6	6.5
Pneumonia/Influenza	74	20.3	15.5	6.6	23.0	21.3	5.2	25.7	25.8	5.1
Chronic Obstructive Pulmonary Disease	24	8.3	7.3	*	8.3	12.3	*	20.8	16.4	*
Transient Cerebral Ischemia	29	0.0	1.9	*	0.0	4.0	*	0.0	6.2	*
Stroke	83	16.9	22.3	6.9	25.3	29.2	8.4	27.7	33.7	9.0
Hip Fracture	57	3.5	7.7	5.6	12.3	13.5	6.8	15.8	17.3	6.2
Sepsis	33	18.2	24.8	*	30.3	33.0	*	30.3	38.6	*
PROCEDURES:										
Angioplasty	25	8.0	5.1	*	8.0	6.0	*	8.0	7.0	*
Coronary Artery Bypass Graft	73	4.1	7.4	4.6	9.6	10.8	4.7	11.0	13.0	4.8
Initial Pacemaker Insertion	11	0.0	3.0	*	9.1	5.5	*	9.1	7.9	*
Carotid Endarterectomy	18	0.0	1.7	*	0.0	3.0	*	5.6	4.4	*
Hip Replacement/Reconstruction	39	5.1	4.4	*	7.7	7.3	*	12.8	9.4	*
Open Reduction of Hip Fracture	20	0.0	7.0	*	10.0	13.0	*	10.0	16.9	*
Prostatectomy	59	3.4	1.5	2.2	5.1	3.5	2.9	8.5	5.6	4.5
Cholecystectomy	33	9.1	3.0	*	9.1	5.9	*	9.1	8.0	*
Hysterectomy	45	2.2	1.0	*	2.2	2.2	*	2.2	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,705	8.1	8.9	0.7	14.0	14.1	0.7	18.4	18.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	94	21.3	26.4	7.6	24.5	30.1	6.7	30.9	33.7	5.4
Congestive Heart Failure	85	15.3	16.7	4.2	23.5	25.6	5.2	37.6	32.7	7.1
Pneumonia/Influenza	70	20.0	15.4	5.8	21.4	21.3	5.8	25.7	26.0	5.4
Chronic Obstructive Pulmonary Disease	14	7.1	10.1	*	7.1	17.4	*	14.3	23.1	*
Transient Cerebral Ischemia	39	0.0	2.0	*	5.1	4.3	*	5.1	6.7	*
Stroke	69	24.6	19.9	7.3	33.3	26.2	7.5	34.8	30.3	6.4
Hip Fracture	57	3.5	7.3	6.1	8.8	12.6	7.6	12.3	16.0	7.5
Sepsis	23	17.4	23.2	*	21.7	32.2	*	21.7	38.0	*
PROCEDURES:										
Angioplasty	21	4.8	5.0	*	4.8	6.1	*	9.5	7.3	*
Coronary Artery Bypass Graft	57	1.8	7.0	4.2	7.0	9.5	4.4	8.8	10.9	4.3
Initial Pacemaker Insertion	21	4.8	2.6	*	4.8	4.9	*	4.8	7.0	*
Carotid Endarterectomy	15	6.7	1.7	*	6.7	3.1	*	6.7	4.5	*
Hip Replacement/Reconstruction	44	4.5	3.2	*	6.8	6.1	*	6.8	8.4	*
Open Reduction of Hip Fracture	16	0.0	7.8	*	6.3	13.9	*	12.5	17.7	*
Prostatectomy	64	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	27	0.0	3.6	*	0.0	7.0	*	0.0	9.8	*
Hysterectomy	35	0.0	1.2	*	0.0	2.6	*	2.9	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

US PHS INDIAN HOSPITAL

Cherokee, NC 28719

Medicare Provider Number: 340156

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	86	14.0	8.4	4.8	15.1	13.1	4.9	15.1	17.2	7.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	26.7	*	25.0	29.3	*	25.0	32.1	*
Congestive Heart Failure	1	0.0	12.5	*	0.0	16.9	*	0.0	22.0	*
Pneumonia/Influenza	9	11.1	18.9	*	11.1	25.4	*	11.1	30.3	*
Chronic Obstructive Pulmonary Disease	2	50.0	9.5	*	50.0	16.1	*	50.0	22.2	*
Transient Cerebral Ischemia	0									
Stroke	5	20.0	14.9	*	20.0	19.8	*	20.0	23.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	34
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

US PHS INDIAN HOSPITAL

Medicare Provider Number: 340156

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	92	12.0	7.0	4.7	19.6	11.4	7.2	20.7	15.2	7.4
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	43.6	*	100.0	46.4	*	100.0	49.7	*
Congestive Heart Failure	1	100.0	15.0	*	100.0	26.5	*	100.0	35.8	*
Pneumonia/Influenza	7	14.3	19.0	*	28.6	25.6	*	28.6	30.4	*
Chronic Obstructive Pulmonary Disease	1	100.0	7.1	*	100.0	11.3	*	100.0	16.8	*
Transient Cerebral Ischemia	2	0.0	3.7	*	50.0	9.3	*	50.0	15.1	*
Stroke	4	25.0	25.9	*	25.0	36.0	*	25.0	41.5	*
Hip Fracture	1	0.0	3.7	*	0.0	7.1	*	0.0	10.2	*
Sepsis	1	0.0	46.7	*	0.0	65.4	*	0.0	72.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	98	7.1	9.6	3.3	14.3	14.5	3.9	20.4	18.4	4.4
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	14.7	*	50.0	17.6	*	50.0	20.6	*
Congestive Heart Failure	5	20.0	14.7	*	20.0	23.9	*	60.0	31.3	*
Pneumonia/Influenza	5	20.0	19.7	*	20.0	25.9	*	20.0	30.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	15.5	*	0.0	21.5	*	100.0	26.2	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	22.1	*	0.0	28.6	*	0.0	33.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

VALDESE GENERAL HOSPITAL INC

Malcolm Blvd Box 700
Valdese, NC 28690

Medicare Provider Number: 340055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	744	10.6	8.0	1.5	14.2	12.2	1.9	17.3	15.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	35	40.0	26.6	*	40.0	29.9	*	40.0	33.1	*
Congestive Heart Failure	31	29.0	15.5	*	35.5	24.0	*	41.9	31.0	*
Pneumonia/Influenza	50	10.0	13.6	*	14.0	18.8	*	16.0	23.0	*
Chronic Obstructive Pulmonary Disease	15	13.3	6.1	*	13.3	10.9	*	20.0	15.3	*
Transient Cerebral Ischemia	9	0.0	1.4	*	11.1	2.9	*	11.1	4.7	*
Stroke	22	31.8	18.3	*	36.4	24.3	*	40.9	28.6	*
Hip Fracture	17	5.9	5.2	*	11.8	9.3	*	11.8	12.3	*
Sepsis	3	33.3	12.1	*	33.3	16.7	*	33.3	20.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	66.7	8.1	*	66.7	12.4	*	66.7	15.5	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.1	*	0.0	3.2	*
Hip Replacement/Reconstruction	6	0.0	1.1	*	0.0	2.0	*	0.0	2.7	*
Open Reduction of Hip Fracture	16	6.3	4.5	*	12.5	8.6	*	12.5	11.6	*
Prostatectomy	35	5.7	1.0	*	11.4	2.5	*	11.4	4.1	*
Cholecystectomy	20	5.0	3.6	*	5.0	6.1	*	10.0	7.4	*
Hysterectomy	4	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	31
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	108
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VALDESE GENERAL HOSPITAL INC

Medicare Provider Number: 340055

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	732	7.9	8.3	1.1	14.2	12.9	1.6	17.2	16.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	25	32.0	26.2	*	32.0	29.9	*	32.0	33.5	*
Congestive Heart Failure	36	16.7	13.1	*	30.6	19.9	*	36.1	25.8	*
Pneumonia/Influenza	53	11.3	14.1	7.1	13.2	19.2	8.8	18.9	23.3	8.4
Chronic Obstructive Pulmonary Disease	9	0.0	3.3	*	11.1	6.5	*	11.1	9.3	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke	25	28.0	17.8	*	32.0	23.4	*	36.0	27.7	*
Hip Fracture	18	5.6	5.8	*	5.6	10.5	*	5.6	13.6	*
Sepsis	1	100.0	14.5	*	100.0	20.8	*	100.0	25.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	8.1	*	20.0	11.2	*	20.0	14.7	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	7	0.0	3.1	*	0.0	6.1	*	0.0	8.3	*
Open Reduction of Hip Fracture	13	7.7	5.0	*	7.7	9.6	*	7.7	12.7	*
Prostatectomy	26	3.8	1.6	*	11.5	3.9	*	11.5	6.4	*
Cholecystectomy	22	4.5	2.5	*	4.5	4.1	*	4.5	5.0	*
Hysterectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	677	7.4	7.8	1.1	12.1	12.0	1.4	16.1	15.5	1.6
CONDITIONS:										
Acute Myocardial Infarction	35	22.9	23.1	*	34.3	25.7	*	37.1	28.7	*
Congestive Heart Failure	23	17.4	14.5	*	17.4	21.7	*	21.7	28.2	*
Pneumonia/Influenza	32	3.1	14.1	*	9.4	19.8	*	12.5	24.2	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.8	*	0.0	11.2	*	0.0	15.1	*
Transient Cerebral Ischemia	6	16.7	1.5	*	16.7	3.0	*	16.7	4.5	*
Stroke	16	18.8	19.2	*	18.8	25.4	*	31.3	29.7	*
Hip Fracture	19	10.5	7.1	*	10.5	12.4	*	10.5	16.1	*
Sepsis	4	25.0	22.8	*	25.0	26.8	*	25.0	31.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	4.9	*	14.3	8.5	*	14.3	11.6	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	11	0.0	2.5	*	0.0	4.8	*	9.1	6.6	*
Open Reduction of Hip Fracture	10	20.0	7.5	*	20.0	13.7	*	20.0	18.0	*
Prostatectomy	35	5.7	1.8	*	8.6	4.3	*	8.6	7.0	*
Cholecystectomy	15	6.7	4.3	*	20.0	8.7	*	20.0	12.1	*
Hysterectomy	6	0.0	1.6	*	0.0	3.1	*	16.7	4.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WAKE COUNTY HOSPITAL SYSTEM

3000 New Bern Ave
Raleigh, NC 27610

Medicare Provider Number: 340069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	3,990	7.2	7.9	0.7	11.0	11.6	0.9	13.6	14.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	197	15.7	23.6	4.8	20.3	26.9	5.3	21.8	30.3	5.4
Congestive Heart Failure	191	12.6	11.9	2.8	23.0	18.6	4.5	27.7	24.5	4.0
Pneumonia/Influenza	134	12.7	17.2	5.5	17.9	23.4	6.6	21.6	28.1	6.6
Chronic Obstructive Pulmonary Disease	25	0.0	6.8	*	12.0	12.6	*	24.0	17.8	*
Transient Cerebral Ischemia	74	0.0	1.6	*	0.0	3.5	*	1.4	5.4	*
Stroke	151	14.6	19.9	4.9	23.8	26.1	4.0	27.8	30.5	4.0
Hip Fracture	87	5.7	6.8	2.9	10.3	11.7	4.0	13.8	14.9	4.1
Sepsis	59	40.7	24.7	8.8	44.1	31.6	10.0	49.2	37.0	9.2
PROCEDURES:										
Angioplasty	230	2.2	3.0	1.3	2.2	4.0	1.7	2.6	5.0	2.2
Coronary Artery Bypass Graft	284	2.1	5.4	1.9	3.9	8.1	2.4	5.3	9.8	2.6
Initial Pacemaker Insertion	32	3.1	2.7	*	9.4	5.2	*	9.4	7.5	*
Carotid Endarterectomy	45	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	40	5.0	3.7	*	7.5	6.6	*	7.5	8.5	*
Open Reduction of Hip Fracture	48	2.1	6.2	*	6.3	11.2	*	12.5	14.4	*
Prostatectomy	65	3.1	0.9	2.4	6.2	2.0	3.4	7.7	3.4	3.9
Cholecystectomy	34	2.9	2.3	*	11.8	4.0	*	14.7	5.2	*
Hysterectomy	20	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	598
Occupancy Rate	77
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	608
Percent of Physicians Board Certified Specialists	68
Medical Residents/Interns	0
Registered Nurses	759
Licensed Practical Nurses	99

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

WAKE COUNTY HOSPITAL SYSTEM

Medicare Provider Number: 340069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,792	8.5	8.1	0.8	13.1	12.1	1.1	15.9	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	178	16.9	24.8	5.0	19.1	27.9	5.3	23.0	31.2	5.3
Congestive Heart Failure	173	19.1	13.9	4.3	28.3	21.4	5.4	32.9	27.8	4.9
Pneumonia/Influenza	135	17.0	15.8	3.8	22.2	21.2	3.7	25.9	25.4	3.9
Chronic Obstructive Pulmonary Disease	23	13.0	6.0	*	13.0	10.9	*	13.0	15.3	*
Transient Cerebral Ischemia	56	1.8	2.2	*	3.6	4.8	*	5.4	7.4	*
Stroke	141	17.0	20.7	3.7	28.4	26.7	3.8	33.3	31.2	4.2
Hip Fracture	81	12.3	5.7	4.6	16.0	10.2	4.7	18.5	13.2	4.9
Sepsis	46	23.9	22.8	*	30.4	29.7	*	34.8	35.3	*
PROCEDURES:										
Angioplasty	179	2.2	3.3	1.9	2.2	4.3	2.4	2.8	5.5	3.1
Coronary Artery Bypass Graft	248	4.4	5.5	1.8	7.3	8.0	1.8	9.7	9.6	1.9
Initial Pacemaker Insertion	34	20.6	4.6	*	20.6	7.9	*	26.5	10.8	*
Carotid Endarterectomy	40	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	50	4.0	3.1	*	4.0	6.0	*	8.0	8.1	*
Open Reduction of Hip Fracture	39	10.3	5.0	*	17.9	9.2	*	17.9	12.1	*
Prostatectomy	52	3.8	1.4	2.9	3.8	3.0	2.6	5.8	4.7	3.9
Cholecystectomy	48	0.0	2.3	*	4.2	4.1	*	4.2	5.4	*
Hysterectomy	19	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,702	9.0	7.9	0.7	13.1	11.9	0.8	15.8	15.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	155	24.5	25.1	3.9	28.4	28.5	3.6	31.0	32.0	4.0
Congestive Heart Failure	145	21.4	14.0	4.5	32.4	21.6	5.6	37.9	28.2	5.4
Pneumonia/Influenza	109	12.8	14.5	3.8	20.2	19.8	3.9	24.8	24.2	4.3
Chronic Obstructive Pulmonary Disease	32	12.5	7.4	*	18.8	13.3	*	25.0	18.4	*
Transient Cerebral Ischemia	77	0.0	1.7	2.6	3.9	3.6	3.1	6.5	5.6	4.8
Stroke	194	21.6	20.6	3.1	25.8	26.5	3.2	29.4	30.8	3.8
Hip Fracture	76	7.9	7.0	3.9	11.8	12.7	3.9	15.8	16.6	4.5
Sepsis	45	33.3	27.3	*	42.2	34.8	*	44.4	40.8	*
PROCEDURES:										
Angioplasty	83	1.2	4.1	3.4	2.4	5.1	3.3	4.8	6.2	3.1
Coronary Artery Bypass Graft	232	4.7	5.0	1.5	7.3	7.1	1.9	7.3	8.3	2.4
Initial Pacemaker Insertion	24	4.2	3.4	*	4.2	6.5	*	8.3	9.2	*
Carotid Endarterectomy	49	2.0	1.6	*	4.1	2.9	*	6.1	4.3	*
Hip Replacement/Reconstruction	59	5.1	3.4	3.8	6.8	6.1	3.2	10.2	8.1	4.9
Open Reduction of Hip Fracture	33	9.1	5.6	*	9.1	11.0	*	15.2	14.9	*
Prostatectomy	74	1.4	1.7	1.6	4.1	4.2	2.9	5.4	6.8	3.8
Cholecystectomy	53	3.8	3.5	2.5	9.4	5.7	3.8	11.3	7.0	4.5
Hysterectomy	19	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WASHINGTON COUNTY HOSPITAL

Highway 64 E
Plymouth, NC 27962

Medicare Provider Number: 340112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	289	13.8	10.9	2.1	19.0	16.4	2.3	23.5	20.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	27.7	*	40.0	31.7	*	40.0	35.2	*
Congestive Heart Failure	22	27.3	16.4	*	36.4	25.4	*	40.9	32.5	*
Pneumonia/Influenza	26	26.9	19.0	*	26.9	25.1	*	34.6	30.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.4	*	0.0	4.8	*	0.0	7.1	*
Transient Cerebral Ischemia	13	7.7	2.2	*	30.8	5.1	*	38.5	8.2	*
Stroke	24	12.5	19.5	*	16.7	25.6	*	20.8	30.0	*
Hip Fracture	1	0.0	4.2	*	0.0	7.3	*	0.0	9.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.4	*	0.0	3.6	*	0.0	4.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	31
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WASHINGTON COUNTY HOSPITAL

Medicare Provider Number: 340112

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	240	15.4	12.1	3.7	20.8	17.0	4.5	24.2	20.8	4.9
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	35.0	*	38.5	38.6	*	38.5	42.3	*
Congestive Heart Failure	13	0.0	15.7	*	23.1	24.3	*	30.8	31.4	*
Pneumonia/Influenza	24	37.5	22.2	*	45.8	29.5	*	45.8	35.0	*
Chronic Obstructive Pulmonary Disease	8	12.5	6.1	*	25.0	11.7	*	25.0	16.6	*
Transient Cerebral Ischemia	9	11.1	2.5	*	11.1	5.6	*	22.2	8.8	*
Stroke	19	15.8	21.2	*	15.8	27.0	*	21.1	31.5	*
Hip Fracture	0									
Sepsis	1	100.0	34.5	*	100.0	47.6	*	100.0	57.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	16.7	1.6	*	33.3	2.7	*	33.3	3.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	209	11.5	10.8	2.2	14.8	15.5	2.5	18.7	19.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	33.5	*	50.0	36.5	*	50.0	39.8	*
Congestive Heart Failure	14	7.1	13.5	*	21.4	20.5	*	21.4	26.7	*
Pneumonia/Influenza	10	20.0	16.7	*	20.0	21.9	*	20.0	26.5	*
Chronic Obstructive Pulmonary Disease	2	50.0	22.1	*	50.0	32.6	*	50.0	39.2	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	3.9	*	0.0	6.2	*
Stroke	12	16.7	23.5	*	16.7	31.2	*	41.7	36.2	*
Hip Fracture	0									
Sepsis	2	50.0	30.0	*	50.0	37.3	*	50.0	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	5.0	*	0.0	8.4	*	0.0	10.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WATAUGA HOSPITAL INC

Deerfield Road
Boone, NC 28607

Medicare Provider Number: 340051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,121	9.3	10.3	1.4	14.2	15.2	1.9	16.9	18.9	1.9
CONDITIONS:										
Acute Myocardial Infarction	38	31.6	27.2	*	31.6	30.7	*	31.6	34.1	*
Congestive Heart Failure	50	10.0	16.0	*	16.0	24.5	*	24.0	31.5	*
Pneumonia/Influenza	64	20.3	16.0	8.9	28.1	21.8	8.5	31.3	26.2	8.1
Chronic Obstructive Pulmonary Disease	10	10.0	8.0	*	20.0	14.7	*	30.0	20.5	*
Transient Cerebral Ischemia	14	7.1	2.2	*	14.3	5.0	*	14.3	8.0	*
Stroke	48	22.9	24.8	*	31.3	31.4	*	33.3	36.1	*
Hip Fracture	38	7.9	7.7	*	7.9	13.6	*	7.9	17.3	*
Sepsis	13	15.4	23.6	*	30.8	30.4	*	38.5	35.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	6.5	*	20.0	12.3	*	20.0	16.6	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction	33	3.0	3.3	*	3.0	6.3	*	3.0	8.5	*
Open Reduction of Hip Fracture	18	11.1	7.6	*	11.1	13.9	*	11.1	17.9	*
Prostatectomy	40	0.0	1.1	*	0.0	2.6	*	0.0	4.5	*
Cholecystectomy	37	8.1	3.1	*	8.1	5.1	*	10.8	6.5	*
Hysterectomy	11	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	141
Occupancy Rate	51
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	102
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

WATAUGA HOSPITAL INC

Medicare Provider Number: 340051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,007	9.4	10.3	1.0	13.9	15.1	1.2	16.3	18.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	34	41.2	29.2	*	41.2	32.5	*	44.1	36.1	*
Congestive Heart Failure	28	17.9	21.3	*	46.4	31.8	*	50.0	39.7	*
Pneumonia/Influenza	68	5.9	15.4	6.4	8.8	20.7	7.7	11.8	24.9	8.2
Chronic Obstructive Pulmonary Disease	10	0.0	6.0	*	10.0	11.6	*	10.0	16.6	*
Transient Cerebral Ischemia	7	0.0	2.6	*	0.0	5.6	*	0.0	8.7	*
Stroke	46	23.9	24.1	*	37.0	30.3	*	37.0	35.1	*
Hip Fracture	35	2.9	6.7	*	17.1	11.6	*	22.9	14.6	*
Sepsis	10	10.0	32.3	*	10.0	40.0	*	20.0	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	5.6	*	12.5	11.6	*	12.5	16.7	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	31	0.0	3.8	*	6.5	7.4	*	16.1	10.0	*
Open Reduction of Hip Fracture	17	5.9	6.6	*	23.5	11.7	*	23.5	14.9	*
Prostatectomy	47	0.0	1.5	*	2.1	3.6	*	6.4	6.0	*
Cholecystectomy	28	0.0	1.7	*	0.0	3.1	*	0.0	4.1	*
Hysterectomy	11	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	829	9.0	9.6	1.5	13.4	14.2	1.6	17.7	17.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	35	34.3	29.5	*	37.1	32.9	*	42.9	36.6	*
Congestive Heart Failure	27	18.5	20.6	*	33.3	30.0	*	33.3	37.2	*
Pneumonia/Influenza	43	16.3	17.3	*	27.9	23.4	*	30.2	28.1	*
Chronic Obstructive Pulmonary Disease	15	20.0	10.8	*	20.0	17.7	*	33.3	23.1	*
Transient Cerebral Ischemia	14	0.0	1.9	*	7.1	3.9	*	7.1	6.2	*
Stroke	30	20.0	18.3	*	36.7	25.6	*	46.7	30.2	*
Hip Fracture	26	0.0	6.4	*	0.0	11.3	*	3.8	14.4	*
Sepsis	3	0.0	35.7	*	0.0	44.1	*	0.0	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	5.8	*	0.0	9.1	*	22.2	11.7	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	30	0.0	2.0	*	0.0	3.7	*	0.0	4.9	*
Open Reduction of Hip Fracture	16	0.0	6.0	*	0.0	11.1	*	6.3	14.4	*
Prostatectomy	42	0.0	1.3	*	2.4	3.0	*	4.8	4.9	*
Cholecystectomy	31	0.0	3.0	*	0.0	5.2	*	0.0	6.9	*
Hysterectomy	18	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WAYNE MEMORIAL HOSPITAL

2700 Wayne Memorial Dr
Goldsboro, NC 27530

Medicare Provider Number: 340010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,056	12.1	9.7	0.8	16.9	14.4	0.8	21.0	18.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	106	27.4	27.9	4.4	31.1	30.7	4.7	34.9	34.0	5.1
Congestive Heart Failure	127	18.9	14.1	7.0	27.6	22.0	8.0	33.9	28.7	8.7
Pneumonia/Influenza	78	19.2	14.6	6.1	25.6	20.3	7.2	32.1	24.9	9.2
Chronic Obstructive Pulmonary Disease	12	8.3	9.6	*	25.0	17.7	*	41.7	24.5	*
Transient Cerebral Ischemia	11	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	116	21.6	19.6	6.2	28.4	25.6	7.1	34.5	29.9	8.7
Hip Fracture	70	2.9	6.1	3.4	8.6	10.5	5.5	22.9	13.4	5.0
Sepsis	15	26.7	27.7	*	26.7	37.7	*	33.3	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	28	3.6	2.1	*	7.1	4.2	*	10.7	6.3	*
Carotid Endarterectomy	5	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	42	2.4	4.2	*	4.8	7.5	*	19.0	9.8	*
Open Reduction of Hip Fracture	33	3.0	5.5	*	12.1	9.8	*	21.2	12.7	*
Prostatectomy	58	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	52	1.9	2.3	2.4	1.9	4.1	3.7	1.9	5.4	4.4
Hysterectomy	17	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	261
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	100
Percent of Physicians Board Certified Specialists	61
Medical Residents/Interns	0
Registered Nurses	238
Licensed Practical Nurses	97

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WAYNE MEMORIAL HOSPITAL

Medicare Provider Number: 340010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,030	14.1	10.2	0.8	20.3	15.1	1.0	24.8	18.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	96	30.2	30.6	4.7	35.4	33.7	5.0	38.5	37.2	5.3
Congestive Heart Failure	114	18.4	14.0	5.9	30.7	21.4	6.9	36.8	27.7	7.1
Pneumonia/Influenza	98	17.3	14.6	4.2	24.5	20.0	4.9	31.6	24.3	6.9
Chronic Obstructive Pulmonary Disease	4	0.0	6.3	*	0.0	11.0	*	0.0	15.0	*
Transient Cerebral Ischemia	18	5.6	1.6	*	5.6	3.3	*	5.6	5.3	*
Stroke	122	23.8	20.4	3.9	35.2	26.3	5.7	41.0	30.6	5.0
Hip Fracture	62	8.1	7.1	3.4	12.9	12.1	4.4	21.0	15.2	7.4
Sepsis	19	31.6	26.6	*	42.1	33.3	*	42.1	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	28	3.6	5.1	*	7.1	7.5	*	7.1	9.9	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	47	4.3	3.8	*	4.3	6.8	*	10.6	8.7	*
Open Reduction of Hip Fracture	27	0.0	6.0	*	7.4	10.7	*	14.8	13.6	*
Prostatectomy	57	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy	50	4.0	2.3	*	8.0	4.2	*	8.0	5.5	*
Hysterectomy	16	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,884	15.2	10.9	1.0	20.8	15.9	1.1	24.8	19.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	118	36.4	30.8	7.8	40.7	34.2	8.8	44.1	37.8	10.0
Congestive Heart Failure	114	23.7	13.6	4.6	30.7	20.7	5.7	41.2	27.0	6.6
Pneumonia/Influenza	59	13.6	16.7	7.6	20.3	22.7	6.3	27.1	27.5	5.9
Chronic Obstructive Pulmonary Disease	20	25.0	11.0	*	35.0	16.7	*	35.0	20.9	*
Transient Cerebral Ischemia	16	6.3	1.9	*	6.3	4.1	*	18.8	6.5	*
Stroke	108	30.6	23.3	5.5	36.1	29.7	5.7	44.4	34.2	6.2
Hip Fracture	60	6.7	7.8	4.9	16.7	13.1	6.0	18.3	16.5	6.6
Sepsis	27	40.7	26.1	*	51.9	34.9	*	59.3	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	8.0	3.4	*	8.0	6.2	*	16.0	8.9	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.3	*	0.0	3.2	*
Hip Replacement/Reconstruction	44	0.0	4.2	*	2.3	7.3	*	2.3	9.4	*
Open Reduction of Hip Fracture	24	0.0	8.3	*	20.8	14.7	*	25.0	18.5	*
Prostatectomy	64	0.0	0.8	1.3	0.0	1.9	2.4	1.6	3.1	2.5
Cholecystectomy	34	2.9	2.2	*	11.8	4.1	*	14.7	5.4	*
Hysterectomy	6	0.0	0.7	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WAYNE MEMORIAL HOSPITAL

Provider #340010

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality Information

Dear Mrs. Kappert:
The preliminary release of HCFA Mortality Data shows Wayne Memorial Hospital's (WMH) 1989 Medicare patient mortality rates fall within the boundaries of expected mortality for all categories except for "All Causes." In our opinion, the higher than predicted mortality rate for "All Causes" is due to UB-82 erroneous data input and to the higher volume of cancer patients here. Both are explained below.

After the release in 1989 of the HCFA Mortality Data for 1988, WMH formed a task force to review the mortality data. Our analysis identified no quality of care deficiencies, but found significant problems in WMH's input of data for the UB-82 form, the primary source of HCFA's mortality information. Our data input errors were found predominantly in "source of admission" ,"type of admission", general demographic data and co-morbidities. Attempts were made to correct the erroneous data but no retroactive changes could be entered with HCFA for calendar year 1986, 1987 and 1988, and only partial correction of 1989 data could be accomplished with the assistance of your agency.

As a consequence of the above-mentioned data input errors, HCFA's severity indices for WMH were incorrectly determined which skewed the predicted mortality rates for our institution. This view is substantiated by observing the trend of data for FY 1987-89 (see graph on page 2) which shows marked improvement in results calculated for FY 1989, the only year in which data correction occurred.

Though flawed as described above, nevertheless the preliminary data release for FY 1989 shows for 30 day and 90 day mortality rates WMH is within the 75% predicted boundary (where data was sufficient for statistical prediction) for all categories except "All Causes". For 180 day rates WMH is within the 75% boundary for all categories except for "Hip Fracture" (which is within the 95% boundary) and for "All Causes".

We suggest another explanatory factor for the modest variance in 1989 actual versus expected mortality rates for "All Causes" is the disproportionately high volume of cancer patients hospitalized at WMH. This contributes to a higher incidence of mortality in our institution.

WMH serves as a regional referral center for oncology. Also many oncology patients are initially treated at university medical centers and later referred here for treatment and terminal care. Local nursing homes often refer to WMH terminal cancer cases just prior to demise. Our area has not had a Medicare-approved hospice program, and it appears the hospice concept is not widely accepted by area families, resulting in more cancer patients being hospitalized here for terminal care. All these factors contribute to WMH's volume of oncology patients and our higher rate of cancer-related deaths of hospitalized and post-hospitalized Medicare patients.

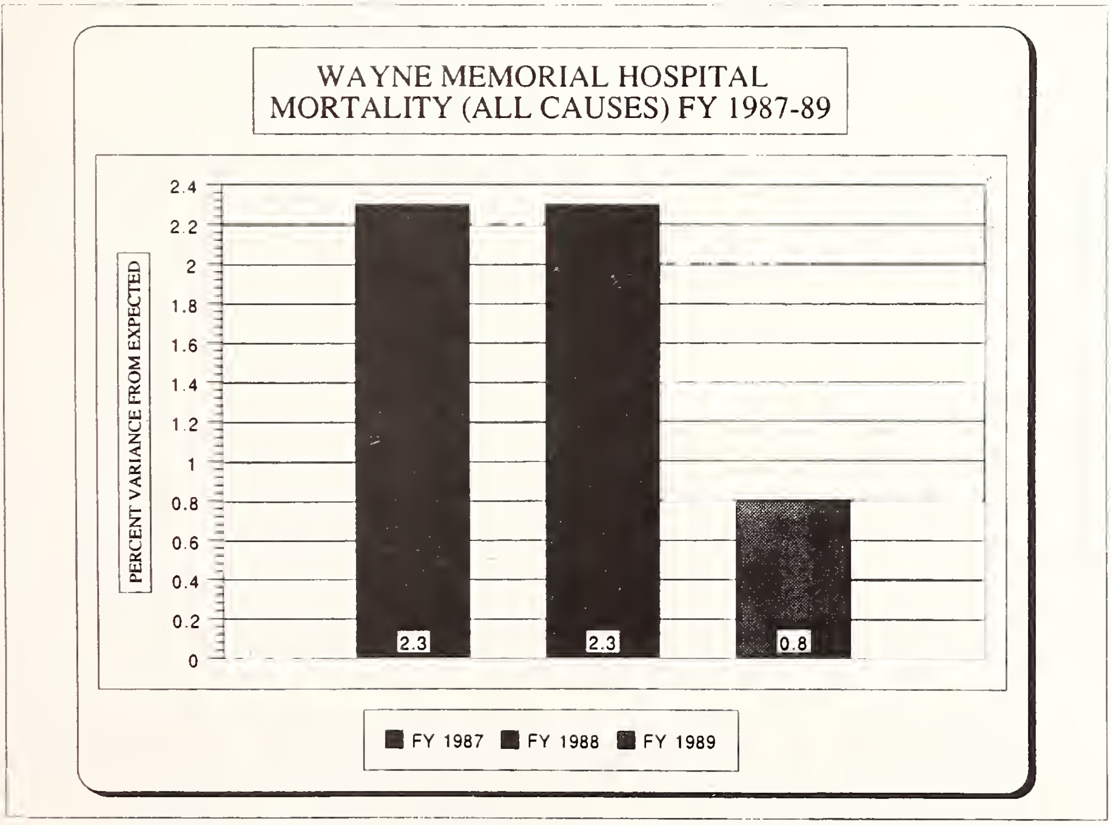
Returning to my earlier point and recalling the computer adage of "Garbage in = garbage out," WMH finds we have committed many errors in UB-82 data input, some of which could not be corrected retrospectively with your agency. Therefore, the data release "output" from HCFA is flawed for WMH. The extent to which our data results were compromised is unknown but we believe it was significant enough to force WMH outside the 95% prediction boundary.

Few would disagree with the notion that the HCFA statistical model for predicting incidences of mortality is an imprecise barometer for quality of care measurement. An imprecise model applied to flawed data reduces the confidence level further, both in respect to accuracy and validity. Our hospital is striving to eliminate the "garbage in" problems with our UB-82 data. Hopefully these efforts will enhance the accuracy of your agency's data release on WMH next year.

Sincerely,

James W. Hubbell

James W. Hubbell
President and
Chief Executive Officer



WESLEY LONG COMMUNITY HOSPITAL

501 N Elam Av
Greensboro, NC 27402

Medicare Provider Number: 340125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,942	7.1	8.8	0.8	11.6	13.2	0.9	14.5	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	87	24.1	27.8	6.1	28.7	30.8	5.9	33.3	33.9	5.3
Congestive Heart Failure	100	11.0	14.4	4.3	19.0	22.2	4.9	22.0	28.7	6.7
Pneumonia/Influenza	77	14.3	14.9	5.3	16.9	19.9	5.6	18.2	24.1	7.4
Chronic Obstructive Pulmonary Disease	27	3.7	6.0	*	7.4	11.3	*	11.1	16.1	*
Transient Cerebral Ischemia	34	2.9	1.7	*	5.9	3.7	*	8.8	5.6	*
Stroke	134	17.9	20.6	5.2	23.1	27.2	6.4	27.6	31.6	5.9
Hip Fracture	99	2.0	7.2	3.2	6.1	12.5	4.5	10.1	15.9	5.0
Sepsis	43	18.6	26.1	*	27.9	33.0	*	30.2	38.4	*
PROCEDURES:										
Angioplasty	4	0.0	2.0	*	0.0	2.7	*	0.0	3.6	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	42	0.0	3.3	*	0.0	6.0	*	2.4	8.5	*
Carotid Endarterectomy	43	0.0	1.7	*	2.3	3.1	*	2.3	4.5	*
Hip Replacement/Reconstruction	105	0.0	2.4	2.4	2.9	4.5	2.4	5.7	5.9	2.3
Open Reduction of Hip Fracture	59	1.7	6.6	4.0	5.1	12.1	5.6	10.2	15.7	6.4
Prostatectomy	101	0.0	1.3	1.9	1.0	2.4	2.6	4.0	3.6	2.4
Cholecystectomy	106	1.9	3.4	2.4	3.8	5.7	2.8	7.5	7.2	2.7
Hysterectomy	19	0.0	0.6	*	5.3	1.4	*	5.3	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	227
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	187
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	297
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WESLEY LONG COMMUNITY HOSPITAL

Medicare Provider Number: 340125

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,726	7.3	8.1	0.6	12.7	12.4	0.7	16.1	15.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	61	27.9	26.4	6.0	34.4	30.2	7.7	42.6	33.9	10.8
Congestive Heart Failure	102	13.7	14.5	5.0	26.5	21.8	7.1	31.4	28.0	5.9
Pneumonia/Influenza	90	21.1	16.5	5.9	28.9	22.3	8.6	35.6	27.1	9.6
Chronic Obstructive Pulmonary Disease	27	3.7	8.2	*	7.4	14.0	*	11.1	19.3	*
Transient Cerebral Ischemia	48	0.0	1.6	*	4.2	3.4	*	4.2	5.3	*
Stroke	114	19.3	21.5	4.3	28.1	27.4	4.2	30.7	31.8	4.5
Hip Fracture	97	4.1	6.4	2.7	12.4	11.6	3.3	19.6	14.9	4.5
Sepsis	22	18.2	20.4	*	31.8	27.9	*	31.8	33.7	*
PROCEDURES:										
Angioplasty	2	0.0	16.5	*	0.0	18.6	*	0.0	20.4	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	5.1	*	17.6	8.3	*	17.6	11.2	*
Carotid Endarterectomy	44	0.0	1.6	*	0.0	2.9	*	2.3	4.2	*
Hip Replacement/Reconstruction	78	3.8	3.2	2.4	10.3	6.3	4.1	15.4	8.5	5.9
Open Reduction of Hip Fracture	45	0.0	5.9	*	6.7	11.1	*	17.8	14.6	*
Prostatectomy	132	0.0	0.8	1.1	1.5	2.0	1.4	2.3	3.4	2.0
Cholecystectomy	82	2.4	2.5	1.7	3.7	4.4	2.4	6.1	5.8	2.6
Hysterectomy	21	0.0	1.0	*	4.8	2.1	*	4.8	2.9	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,560	7.9	8.3	0.7	12.3	12.6	0.8	15.5	16.0	0.8
CONDITIONS:										
Acute Myocardial Infarction	60	35.0	27.4	8.0	41.7	31.0	8.9	43.3	34.6	8.4
Congestive Heart Failure	83	16.9	15.6	4.2	25.3	23.4	5.0	30.1	30.1	5.0
Pneumonia/Influenza	77	20.8	15.8	5.9	26.0	21.5	6.8	29.9	26.2	7.2
Chronic Obstructive Pulmonary Disease	27	18.5	8.6	*	18.5	14.0	*	18.5	18.2	*
Transient Cerebral Ischemia	46	0.0	1.6	*	2.2	3.2	*	2.2	5.0	*
Stroke	110	10.9	23.6	6.2	20.9	29.9	5.5	28.2	34.6	5.3
Hip Fracture	107	5.6	6.3	3.2	12.1	11.5	3.2	12.1	14.9	4.1
Sepsis	27	37.0	32.6	*	48.1	42.4	*	51.9	49.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	0.0	3.4	*	4.3	6.7	*	4.3	9.5	*
Carotid Endarterectomy	45	2.2	1.7	*	4.4	3.1	*	4.4	4.4	*
Hip Replacement/Reconstruction	89	3.4	2.9	2.7	6.7	5.5	2.6	6.7	7.4	3.0
Open Reduction of Hip Fracture	47	6.4	5.7	*	10.6	10.7	*	10.6	13.9	*
Prostatectomy	146	1.4	0.8	0.9	2.1	1.9	1.5	4.1	3.2	2.0
Cholecystectomy	66	3.0	3.2	2.2	6.1	5.7	3.4	6.1	7.4	4.0
Hysterectomy	23	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WESLEY LONG
COMMUNITY HOSPITAL
TM

January 8, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the mortality information provided by HCFA in the December 6, 1990 correspondence and appreciate the opportunity to respond. Wesley Long is pleased to find that we are well within the acceptable ranges identified by HCFA for all three years. However, while we commend HCFA's effort to ensure that hospitals are providing the highest possible level of care, we do not believe mortality data alone is an appropriate measure of the quality of care provided by an individual hospital. And we specifically believe there are flaws in the present methodology used. In addition, mortality data may be misunderstood by the general public.

It is our belief that a more appropriate approach is a comprehensive Quality Assurance Program to include Risk Management and a thorough Medical Peer Review system. Our Quality Assurance Program has the support and cooperation of Hospital Administration, the Medical Staff, and the Board of Trustees. Each Hospital and Medical Staff department provides a report of the results of monitoring activities on a quarterly basis to the Quality Assurance Committee. Areas identified as treating high risk patients have individualized quality assurance programs tailored to monitor the specialized patient care provided in those areas.

Medical Staff Quality Assurance at Wesley Long is supported through the efforts of a rigorous Medical Peer Review process. Following patient discharge, the medical record is screened against a wide array of clinical indicators. Records identified through applying these screens are presented to a Medical Staff Peer Review Committee for further review. Reported incidents identified by Risk Management are also submitted for review. All deaths are processed through several levels of review, and those deaths which were not clearly anticipated (e.g. patients not diagnosed as

Wesley Long Community Hospital, Inc. 501 North Elam Avenue, P.O. Draw X-3, Greensboro, N.C. 27402
Telephone (919) 854-6100 Telefax (919) 854-[illegible]2

having a terminal illness) are submitted for physician scrutiny. The Chiefs of each Medical Staff department sit on their respective Peer Review Committees and subsequently report any actions or identify problems each month.

In summary, the Quality Assurance Program we have implemented examines a wide variety of indicators to ensure that Wesley Long provides the highest quality of care available. Mortality rates alone cannot stand as an indicator of quality.

Sincerely,

Kathy N. D

Kathyrn N. Davis
Vice President

WESTERN CAROLINA CENTER HOSPITAL

300 Enola Rd
Morganton, NC 28655

Medicare Provider Number: 340154

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	39	0.0	2.4	*	0.0	3.4	*	0.0	4.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	3	0.0	2.1	*	0.0	2.9	*	0.0	3.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	21.0	*	0.0	25.3	*	0.0	30.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	8
Ownership/Control	State Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	Yes
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

WESTERN CAROLINA CENTER HOSPITAL

Medicare Provider Number: 340154

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	36	2.8	1.8	*	2.8	2.7	*	5.6	3.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	5.1	*	0.0	6.9	*	0.0	8.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	1	0.0	1.7	*	0.0	3.0	*	0.0	4.1	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	3.0	2.1	*	6.1	3.0	*	9.1	4.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	2	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	1.1	*	0.0	1.8	*	0.0	2.5	*
Prostatectomy	1	0.0	0.5	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WILKES GENERAL HOSPITAL

W D St
North Wilkesboro, NC 28659

Medicare Provider Number: 340064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,182	8.2	8.3	0.9	12.9	12.6	1.1	16.2	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	43	25.6	27.9	*	32.6	30.7	*	34.9	34.0	*
Congestive Heart Failure	45	17.8	15.5	*	20.0	24.1	*	26.7	31.0	*
Pneumonia/Influenza	58	13.8	16.0	6.6	22.4	21.9	5.6	27.6	26.4	5.9
Chronic Obstructive Pulmonary Disease	14	7.1	8.7	*	14.3	16.6	*	14.3	22.4	*
Transient Cerebral Ischemia	17	0.0	1.6	*	0.0	3.6	*	17.6	5.8	*
Stroke	42	21.4	20.2	*	31.0	26.3	*	35.7	30.7	*
Hip Fracture	36	2.8	6.7	*	5.6	11.7	*	8.3	15.1	*
Sepsis	5	20.0	29.4	*	40.0	39.7	*	40.0	45.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	9.4	*	25.0	13.0	*	25.0	16.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	4.1	*	0.0	7.4	*	0.0	9.8	*
Open Reduction of Hip Fracture	18	5.6	6.4	*	5.6	11.6	*	11.1	15.0	*
Prostatectomy	38	2.6	1.0	*	2.6	2.3	*	5.3	3.8	*
Cholecystectomy	20	0.0	3.5	*	5.0	6.2	*	10.0	8.0	*
Hysterectomy	10	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	77
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	52
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	111
Licensed Practical Nurses	39

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WILKES GENERAL HOSPITAL

Medicare Provider Number: 340064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,213	8.8	8.7	0.8	13.8	13.1	1.2	16.4	16.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	44	47.7	31.5	*	50.0	35.1	*	50.0	38.9	*
Congestive Heart Failure	52	19.2	15.5	6.7	28.8	23.7	7.6	32.7	30.4	8.8
Pneumonia/Influenza	60	15.0	16.5	5.8	18.3	22.2	7.4	25.0	26.7	7.2
Chronic Obstructive Pulmonary Disease	9	22.2	4.8	*	33.3	8.5	*	33.3	11.7	*
Transient Cerebral Ischemia	13	0.0	2.2	*	7.7	4.8	*	7.7	7.6	*
Stroke	39	20.5	20.1	*	28.2	26.2	*	38.5	31.0	*
Hip Fracture	33	9.1	7.0	*	15.2	12.7	*	18.2	16.4	*
Sepsis	14	42.9	27.3	*	57.1	35.1	*	57.1	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	6.0	*	28.6	12.1	*	28.6	16.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.6	*	20.0	11.0	*	20.0	14.3	*
Open Reduction of Hip Fracture	24	8.3	6.6	*	12.5	12.5	*	16.7	16.4	*
Prostatectomy	37	0.0	1.3	*	2.7	2.9	*	2.7	4.6	*
Cholecystectomy	29	0.0	4.1	*	6.9	7.5	*	10.3	9.5	*
Hysterectomy	18	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,078	10.0	8.8	1.3	14.7	13.3	1.7	18.4	17.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	45	40.0	29.8	*	46.7	33.8	*	51.1	37.8	*
Congestive Heart Failure	51	7.8	15.1	10.0	17.6	23.0	11.1	21.6	29.8	11.5
Pneumonia/Influenza	42	23.8	18.1	*	28.6	24.8	*	33.3	30.0	*
Chronic Obstructive Pulmonary Disease	28	14.3	10.8	*	14.3	18.5	*	17.9	24.5	*
Transient Cerebral Ischemia	10	0.0	3.7	*	0.0	8.8	*	10.0	14.5	*
Stroke	36	27.8	22.3	*	33.3	28.7	*	38.9	33.5	*
Hip Fracture	36	11.1	5.8	*	13.9	10.4	*	19.4	13.6	*
Sepsis	1	100.0	17.9	*	100.0	24.1	*	100.0	29.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	6.0	*	15.4	9.7	*	15.4	12.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	3.3	*	0.0	6.2	*	0.0	8.4	*
Open Reduction of Hip Fracture	21	19.0	6.2	*	23.8	11.5	*	28.6	15.2	*
Prostatectomy	37	8.1	2.8	*	8.1	6.1	*	10.8	9.4	*
Cholecystectomy	28	0.0	2.2	*	0.0	4.0	*	0.0	5.2	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	12.5	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WILSON MEMORIAL HOSPITAL

1705 S Tarboro St
Wilson, NC 27893

Medicare Provider Number: 340126

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,339	11.2	9.0	0.8	16.0	13.7	0.9	19.0	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	122	35.2	24.7	5.7	36.1	28.3	5.2	37.7	31.8	4.8
Congestive Heart Failure	130	15.4	12.5	5.1	24.6	20.0	7.7	29.2	26.3	6.7
Pneumonia/Influenza	105	9.5	14.5	6.2	19.0	20.3	4.5	22.9	25.0	4.6
Chronic Obstructive Pulmonary Disease	14	0.0	5.8	*	7.1	10.1	*	7.1	14.1	*
Transient Cerebral Ischemia	31	3.2	1.8	*	3.2	4.1	*	6.5	6.5	*
Stroke	149	18.8	18.5	3.3	24.8	24.3	3.6	28.2	28.6	3.9
Hip Fracture	58	12.1	7.1	6.0	19.0	12.4	8.4	20.7	15.7	8.8
Sepsis	19	36.8	17.8	*	42.1	24.9	*	47.4	30.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.6	*	0.0	5.3	*	0.0	8.1	*
Carotid Endarterectomy	9	0.0	1.6	*	0.0	3.2	*	0.0	5.0	*
Hip Replacement/Reconstruction	45	2.2	3.0	*	4.4	5.6	*	6.7	7.6	*
Open Reduction of Hip Fracture	34	14.7	6.6	*	20.6	11.9	*	20.6	15.3	*
Prostatectomy	56	0.0	1.5	2.1	1.8	3.6	3.2	7.1	5.9	3.5
Cholecystectomy	48	0.0	1.8	*	0.0	3.2	*	0.0	4.3	*
Hysterectomy	13	7.7	0.9	*	7.7	1.6	*	15.4	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	277
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	75
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	268
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WILSON MEMORIAL HOSPITAL

Medicare Provider Number: 340126

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,412	10.8	9.0	0.8	15.2	13.6	0.9	18.9	17.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	91	26.4	25.0	4.8	29.7	28.4	4.9	38.5	31.9	5.9
Congestive Heart Failure	126	15.9	13.9	3.7	20.6	21.6	3.7	26.2	28.1	4.8
Pneumonia/Influenza	98	24.5	15.4	5.2	29.6	21.2	5.4	35.7	25.9	6.1
Chronic Obstructive Pulmonary Disease	22	13.6	4.7	*	18.2	8.3	*	18.2	11.7	*
Transient Cerebral Ischemia	30	16.7	2.0	*	20.0	4.3	*	20.0	6.7	*
Stroke	151	25.2	19.9	5.6	30.5	25.8	5.0	32.5	30.3	4.7
Hip Fracture	76	6.6	5.9	3.0	9.2	10.5	3.9	11.8	13.4	5.3
Sepsis	26	34.6	22.5	*	42.3	30.0	*	46.2	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	4.3	3.4	*	4.3	6.3	*	4.3	9.2	*
Carotid Endarterectomy	9	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	69	2.9	3.2	2.5	4.3	5.7	3.1	7.2	7.5	3.2
Open Reduction of Hip Fracture	40	7.5	5.6	*	12.5	10.5	*	15.0	13.7	*
Prostatectomy	48	2.1	1.6	*	2.1	3.8	*	2.1	6.0	*
Cholecystectomy	46	0.0	3.6	*	2.2	6.6	*	6.5	8.7	*
Hysterectomy	23	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,395	10.0	9.2	0.7	15.4	14.0	1.0	19.1	17.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	114	26.3	26.3	4.2	33.3	29.2	5.5	34.2	32.4	5.3
Congestive Heart Failure	135	13.3	14.0	3.1	24.4	21.5	5.7	31.9	27.9	5.6
Pneumonia/Influenza	79	17.7	15.4	5.3	24.1	21.0	6.5	31.6	25.8	9.4
Chronic Obstructive Pulmonary Disease	24	20.8	9.1	*	29.2	14.8	*	33.3	19.2	*
Transient Cerebral Ischemia	47	0.0	1.9	*	4.3	3.8	*	4.3	6.0	*
Stroke	146	20.5	20.2	3.4	25.3	26.1	3.7	29.5	30.7	4.0
Hip Fracture	82	7.3	7.4	3.0	13.4	12.5	3.7	18.3	15.6	5.4
Sepsis	14	35.7	24.6	*	35.7	32.4	*	35.7	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	0.0	2.9	*	0.0	6.0	*	4.3	8.9	*
Carotid Endarterectomy	5	0.0	2.0	*	0.0	3.7	*	0.0	5.3	*
Hip Replacement/Reconstruction	51	2.0	3.6	2.9	2.0	6.2	4.5	5.9	7.9	4.3
Open Reduction of Hip Fracture	43	9.3	6.4	*	20.9	11.7	*	23.3	14.9	*
Prostatectomy	34	0.0	1.7	*	0.0	4.1	*	0.0	6.7	*
Cholecystectomy	45	8.9	3.6	*	11.1	6.2	*	15.6	7.9	*
Hysterectomy	18	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Tennessee

ATHENS COMMUNITY HOSPITAL

1114 W Madison Av
Athens, TN 37303

Medicare Provider Number: 440068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	785	10.2	9.9	1.1	15.4	14.5	1.4	19.4	18.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	34	26.5	28.0	*	38.2	31.4	*	41.2	34.9	*
Congestive Heart Failure	29	10.3	15.0	*	20.7	23.3	*	31.0	30.1	*
Pneumonia/Influenza	35	17.1	16.2	*	28.6	22.3	*	34.3	27.0	*
Chronic Obstructive Pulmonary Disease	27	11.1	9.3	*	22.2	16.6	*	29.6	22.7	*
Transient Cerebral Ischemia	11	18.2	1.5	*	27.3	3.3	*	27.3	5.3	*
Stroke	39	28.2	26.3	*	35.9	32.7	*	41.0	37.2	*
Hip Fracture	27	7.4	6.7	*	7.4	11.6	*	14.8	14.9	*
Sepsis	7	42.9	36.7	*	57.1	43.3	*	71.4	49.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	9.7	*	0.0	14.3	*	0.0	17.7	*
Carotid Endarterectomy	5	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	14	7.1	5.5	*	7.1	9.9	*	14.3	12.8	*
Open Reduction of Hip Fracture	16	6.3	5.8	*	6.3	10.7	*	12.5	13.9	*
Prostatectomy	20	0.0	1.0	*	0.0	2.6	*	5.0	4.7	*
Cholecystectomy	22	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	98
Occupancy Rate	38
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	47
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ATHENS COMMUNITY HOSPITAL

Medicare Provider Number: 440068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	968	12.0	9.7	1.3	16.9	14.3	1.6	20.0	17.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	40	32.5	33.0	*	35.0	36.7	*	35.0	40.8	*
Congestive Heart Failure	38	10.5	17.0	*	15.8	26.5	*	18.4	34.0	*
Pneumonia/Influenza	61	26.2	15.8	7.9	34.4	21.1	9.5	37.7	25.5	9.5
Chronic Obstructive Pulmonary Disease	23	13.0	7.4	*	17.4	12.7	*	21.7	17.7	*
Transient Cerebral Ischemia	22	4.5	1.9	*	4.5	4.0	*	4.5	6.3	*
Stroke	23	21.7	22.4	*	26.1	28.5	*	30.4	33.2	*
Hip Fracture	48	4.2	5.2	*	10.4	9.6	*	12.5	12.5	*
Sepsis	6	16.7	31.3	*	66.7	39.1	*	83.3	46.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	21	0.0	4.4	*	9.5	8.2	*	9.5	10.6	*
Open Reduction of Hip Fracture	22	4.5	5.0	*	4.5	9.8	*	9.1	13.1	*
Prostatectomy	30	0.0	0.6	*	0.0	1.6	*	3.3	2.8	*
Cholecystectomy	37	5.4	1.9	*	8.1	3.5	*	8.1	4.6	*
Hysterectomy	3	0.0	1.3	*	0.0	2.8	*	0.0	4.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	931	9.3	9.5	1.2	14.9	13.9	1.7	18.8	17.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	40	40.0	32.2	*	45.0	36.1	*	52.5	40.1	*
Congestive Heart Failure	40	15.0	16.0	*	17.5	24.6	*	27.5	31.7	*
Pneumonia/Influenza	44	13.6	16.0	*	18.2	21.3	*	22.7	25.7	*
Chronic Obstructive Pulmonary Disease	21	14.3	8.2	*	19.0	14.5	*	23.8	19.7	*
Transient Cerebral Ischemia	25	0.0	2.4	*	0.0	5.1	*	8.0	8.1	*
Stroke	30	33.3	21.9	*	33.3	28.3	*	43.3	33.1	*
Hip Fracture	30	6.7	7.4	*	10.0	13.3	*	13.3	17.1	*
Sepsis	3	0.0	36.8	*	33.3	44.1	*	33.3	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	6.2	*	11.1	12.1	*	11.1	16.8	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	21	4.8	4.3	*	9.5	8.0	*	9.5	10.8	*
Open Reduction of Hip Fracture	11	9.1	8.8	*	9.1	16.6	*	18.2	21.7	*
Prostatectomy	40	2.5	0.7	*	2.5	1.7	*	7.5	3.0	*
Cholecystectomy	20	0.0	1.3	*	0.0	2.3	*	5.0	3.0	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BAPTIST HOSPITAL

2000 Church St
Nashville, TN 37203

Medicare Provider Number: 440133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,600	7.5	8.1	0.6	12.1	12.7	0.7	15.8	16.3	0.7
CONDITIONS:										
Acute Myocardial Infarction	125	20.8	22.5	4.3	23.2	25.5	5.3	25.6	28.7	6.2
Congestive Heart Failure	182	13.2	13.4	2.6	21.4	21.2	4.0	28.6	27.7	3.5
Pneumonia/Influenza	99	16.2	16.6	3.8	24.2	22.7	5.4	29.3	27.5	6.1
Chronic Obstructive Pulmonary Disease	47	2.1	5.9	*	2.1	10.7	*	6.4	15.3	*
Transient Cerebral Ischemia	60	1.7	1.8	1.9	1.7	3.9	3.2	1.7	6.2	5.2
Stroke	147	13.6	18.5	6.2	22.4	25.7	5.1	25.9	30.1	4.9
Hip Fracture	127	7.1	6.2	2.7	10.2	11.0	3.8	17.3	14.3	4.9
Sepsis	93	16.1	25.1	7.8	32.3	35.4	7.1	38.7	41.9	6.8
PROCEDURES:										
Angioplasty	10	10.0	2.7	*	10.0	3.5	*	20.0	4.5	*
Coronary Artery Bypass Graft	108	4.6	5.1	2.4	7.4	7.1	2.5	9.3	8.4	2.8
Initial Pacemaker Insertion	26	3.8	2.8	*	7.7	5.6	*	11.5	8.3	*
Carotid Endarterectomy	21	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	128	3.9	2.6	2.2	4.7	4.9	2.3	8.6	6.6	3.7
Open Reduction of Hip Fracture	57	5.3	5.9	3.2	10.5	10.8	4.2	14.0	14.1	5.0
Prostatectomy	269	1.5	0.9	0.7	3.7	2.2	1.3	5.9	3.6	1.7
Cholecystectomy	62	1.6	3.6	2.9	6.5	6.5	3.2	6.5	8.6	4.3
Hysterectomy	55	0.0	0.7	1.3	1.8	1.6	2.0	1.8	2.6	2.7

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	671
Occupancy Rate	67
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	477
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	549
Licensed Practical Nurses	188

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST HOSPITAL

Medicare Provider Number: 440133

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,840	7.5	7.6	0.5	12.0	12.0	0.5	15.4	15.5	0.5
CONDITIONS:										
Acute Myocardial Infarction	134	26.9	24.1	4.1	29.1	27.3	4.2	31.3	30.5	4.0
Congestive Heart Failure	173	19.1	15.1	3.6	22.5	23.2	3.3	28.3	29.9	3.7
Pneumonia/Influenza	135	12.6	19.0	4.4	23.7	26.0	4.3	25.9	31.1	5.0
Chronic Obstructive Pulmonary Disease	45	8.9	8.3	*	22.2	14.2	*	24.4	19.3	*
Transient Cerebral Ischemia	53	0.0	1.7	*	1.9	3.6	*	3.8	5.6	*
Stroke	172	17.4	19.3	3.4	25.0	26.6	3.8	29.1	31.4	4.2
Hip Fracture	134	3.7	5.9	2.8	10.4	10.6	2.7	13.4	13.8	3.8
Sepsis	62	21.0	23.9	6.1	33.9	34.1	6.5	43.5	40.7	6.9
PROCEDURES:										
Angioplasty	23	4.3	1.9	*	4.3	2.5	*	4.3	3.3	*
Coronary Artery Bypass Graft	75	6.7	5.9	3.2	8.0	7.7	3.2	9.3	8.8	3.3
Initial Pacemaker Insertion	20	10.0	7.0	*	15.0	11.2	*	20.0	14.9	*
Carotid Endarterectomy	33	3.0	1.5	*	6.1	2.9	*	6.1	4.3	*
Hip Replacement/Reconstruction	155	2.6	2.2	1.5	5.2	4.1	2.6	7.1	5.5	3.3
Open Reduction of Hip Fracture	62	1.6	5.1	4.6	6.5	9.7	5.6	9.7	12.8	5.2
Prostatectomy	301	1.7	0.7	0.9	1.7	1.8	1.2	3.3	3.1	1.3
Cholecystectomy	71	1.4	2.7	3.1	2.8	5.0	4.0	5.6	6.5	3.5
Hysterectomy	43	0.0	0.5	*	0.0	1.1	*	2.3	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,516	7.0	7.6	0.5	11.7	12.1	0.6	15.0	15.6	0.6
CONDITIONS:										
Acute Myocardial Infarction	109	20.2	25.5	7.3	22.9	28.9	8.2	24.8	32.2	8.7
Congestive Heart Failure	174	16.1	16.6	2.8	28.2	25.2	3.8	33.3	32.0	3.6
Pneumonia/Influenza	99	20.2	17.6	5.3	29.3	24.0	7.5	32.3	29.0	6.2
Chronic Obstructive Pulmonary Disease	48	14.6	8.5	*	20.8	14.6	*	27.1	19.5	*
Transient Cerebral Ischemia	73	2.7	1.7	2.1	4.1	3.7	2.2	5.5	5.8	2.8
Stroke	138	20.3	20.6	4.0	28.3	28.1	3.9	32.6	32.6	4.1
Hip Fracture	103	1.9	6.1	3.9	6.8	11.0	5.6	9.7	14.4	5.7
Sepsis	48	18.8	27.1	*	31.3	36.9	*	39.6	43.7	*
PROCEDURES:										
Angioplasty	4	0.0	1.4	*	0.0	1.9	*	0.0	2.7	*
Coronary Artery Bypass Graft	81	12.3	6.3	4.6	14.8	8.5	5.0	14.8	9.8	5.1
Initial Pacemaker Insertion	26	3.8	3.8	*	3.8	7.5	*	3.8	10.8	*
Carotid Endarterectomy	42	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	132	1.5	2.8	1.9	3.8	5.2	3.1	4.5	6.9	4.3
Open Reduction of Hip Fracture	49	2.0	4.6	*	6.1	8.9	*	10.2	12.0	*
Prostatectomy	242	0.4	1.0	0.9	0.8	2.3	1.7	3.3	3.9	1.9
Cholecystectomy	91	2.2	2.5	2.6	3.3	4.7	3.6	4.4	6.4	3.9
Hysterectomy	28	3.6	0.3	*	3.6	0.6	*	3.6	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BAPTIST HOSPITAL OF ROANE COUNTY

241 S Chamberlain Ave
Rockwood, TN 37854

Medicare Provider Number: 440022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	676	10.5	10.0	1.2	14.6	15.2	1.5	17.8	19.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	22.2	*	21.4	24.8	*	21.4	27.8	*
Congestive Heart Failure	38	10.5	15.4	*	15.8	23.7	*	23.7	30.6	*
Pneumonia/Influenza	59	11.9	17.4	5.6	15.3	23.3	6.7	18.6	27.8	7.2
Chronic Obstructive Pulmonary Disease	24	0.0	5.0	*	4.2	9.5	*	4.2	13.7	*
Transient Cerebral Ischemia	16	6.3	2.2	*	12.5	5.1	*	12.5	8.2	*
Stroke	27	22.2	20.0	*	29.6	27.4	*	40.7	32.0	*
Hip Fracture	20	20.0	8.0	*	25.0	13.2	*	25.0	16.5	*
Sepsis	13	23.1	27.7	*	30.8	34.6	*	30.8	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	6.6	*	16.7	12.8	*	16.7	16.9	*
Open Reduction of Hip Fracture	9	33.3	7.6	*	33.3	13.6	*	33.3	17.3	*
Prostatectomy	14	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	8	0.0	2.7	*	0.0	4.0	*	0.0	4.7	*
Hysterectomy	5	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	66
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	52
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	32
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST HOSPITAL OF ROANE COUNTY

Medicare Provider Number: 440022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	642	10.4	8.9	1.3	14.3	13.6	1.4	16.8	17.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	22	50.0	29.1	*	54.5	33.4	*	54.5	37.1	*
Congestive Heart Failure	26	23.1	14.7	*	26.9	22.6	*	38.5	29.2	*
Pneumonia/Influenza	40	17.5	20.6	*	20.0	27.1	*	27.5	31.9	*
Chronic Obstructive Pulmonary Disease	18	11.1	4.8	*	11.1	9.2	*	11.1	13.0	*
Transient Cerebral Ischemia	28	0.0	2.3	*	3.6	5.2	*	7.1	8.3	*
Stroke	15	40.0	23.4	*	40.0	32.1	*	46.7	37.3	*
Hip Fracture	10	0.0	7.5	*	0.0	13.3	*	10.0	16.9	*
Sepsis	10	30.0	21.1	*	30.0	30.4	*	30.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.3	*	0.0	4.2	*	0.0	5.8	*
Open Reduction of Hip Fracture	3	0.0	6.2	*	0.0	12.7	*	0.0	17.5	*
Prostatectomy	21	0.0	0.8	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	7	14.3	2.3	*	14.3	3.8	*	14.3	4.7	*
Hysterectomy	4	0.0	0.7	*	0.0	1.7	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	587	11.4	9.5	1.6	16.0	14.4	1.5	18.1	18.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	18	50.0	32.7	*	50.0	35.6	*	50.0	39.3	*
Congestive Heart Failure	32	25.0	14.7	*	31.3	22.9	*	34.4	29.9	*
Pneumonia/Influenza	32	25.0	19.8	*	28.1	26.8	*	31.3	32.3	*
Chronic Obstructive Pulmonary Disease	12	8.3	7.6	*	16.7	12.9	*	16.7	17.3	*
Transient Cerebral Ischemia	18	0.0	2.2	*	5.6	4.9	*	16.7	7.7	*
Stroke	23	8.7	20.8	*	30.4	27.5	*	30.4	32.0	*
Hip Fracture	19	5.3	7.2	*	10.5	12.5	*	21.1	16.1	*
Sepsis	10	10.0	23.5	*	10.0	30.2	*	10.0	35.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	12	8.3	5.7	*	8.3	9.9	*	25.0	12.7	*
Open Reduction of Hip Fracture	8	0.0	6.4	*	12.5	12.3	*	12.5	16.2	*
Prostatectomy	6	0.0	1.2	*	0.0	3.2	*	0.0	5.5	*
Cholecystectomy	18	5.6	3.7	*	5.6	6.7	*	5.6	8.6	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BAPTIST MEMORIAL HOSPITAL

899 Madison Av
Memphis, TN 38146

Medicare Provider Number: 440048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9,164	6.7	8.3	0.3	11.7	12.9	0.5	15.1	16.6	0.4
CONDITIONS:										
Acute Myocardial Infarction	273	13.6	26.7	3.8	17.9	29.8	3.9	21.6	33.4	3.8
Congestive Heart Failure	379	12.1	14.0	2.3	22.4	22.0	2.2	28.0	28.6	2.5
Pneumonia/Influenza	174	13.8	16.0	4.6	19.5	22.0	3.9	24.1	26.8	4.3
Chronic Obstructive Pulmonary Disease	128	4.7	5.9	2.3	11.7	10.6	3.0	18.0	14.8	5.2
Transient Cerebral Ischemia	184	0.5	1.6	1.3	2.7	3.4	1.5	4.3	5.4	1.9
Stroke	338	16.9	19.9	2.8	23.1	26.5	2.8	26.0	30.9	3.3
Hip Fracture	192	7.8	7.2	2.7	12.0	12.7	2.7	15.6	16.3	2.7
Sepsis	72	25.0	31.5	6.3	40.3	39.8	5.8	47.2	46.3	6.7
PROCEDURES:										
Angioplasty	76	3.9	4.3	2.5	3.9	5.3	2.8	6.6	6.6	2.8
Coronary Artery Bypass Graft	270	2.6	6.1	1.9	7.4	8.5	2.2	8.5	10.0	1.9
Initial Pacemaker Insertion	82	4.9	4.0	2.5	9.8	7.9	3.6	12.2	11.4	3.7
Carotid Endarterectomy	60	0.0	1.4	2.0	3.3	2.8	2.4	3.3	4.2	2.7
Hip Replacement/Reconstruction	121	4.1	3.1	2.3	5.8	5.8	2.2	7.4	7.8	2.5
Open Reduction of Hip Fracture	68	10.3	6.8	4.6	14.7	12.6	5.5	17.6	16.4	5.7
Prostatectomy	295	0.3	1.0	0.8	2.7	2.5	1.4	3.7	4.1	1.3
Cholecystectomy	160	1.9	3.0	1.5	4.4	4.8	1.7	6.3	6.1	1.9
Hysterectomy	93	1.1	0.5	0.9	2.2	1.1	1.7	4.3	1.7	2.6

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	1,479
Occupancy Rate	77
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	742
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	143
Registered Nurses	1,144
Licensed Practical Nurses	361

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

BAPTIST MEMORIAL HOSPITAL

Medicare Provider Number: 440048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9,699	6.3	7.6	0.3	10.7	12.0	0.4	14.0	15.5	0.4
CONDITIONS:										
Acute Myocardial Infarction	230	20.9	28.2	3.7	24.3	31.4	3.8	26.1	35.2	4.1
Congestive Heart Failure	334	12.6	16.2	3.1	24.0	24.8	2.8	31.1	31.8	2.7
Pneumonia/Influenza	189	18.0	16.1	3.7	21.2	22.1	3.6	25.9	26.9	3.5
Chronic Obstructive Pulmonary Disease	74	6.8	7.4	3.9	12.2	12.7	6.6	14.9	17.1	8.3
Transient Cerebral Ischemia	176	2.3	1.8	1.1	3.4	3.8	1.7	5.1	6.0	2.2
Stroke	295	18.0	20.8	2.7	25.8	27.9	2.9	34.6	32.6	2.9
Hip Fracture	198	5.6	6.5	2.1	12.6	11.9	2.4	17.2	15.5	3.9
Sepsis	61	27.9	31.2	7.0	37.7	39.0	6.6	41.0	45.0	8.5
PROCEDURES:										
Angioplasty	77	6.5	4.3	3.5	7.8	5.3	3.6	7.8	6.4	3.5
Coronary Artery Bypass Graft	249	3.6	6.9	2.0	7.6	9.4	2.1	9.2	10.9	2.1
Initial Pacemaker Insertion	71	4.2	5.4	4.3	8.5	9.0	5.4	9.9	12.3	5.6
Carotid Endarterectomy	71	1.4	1.5	1.6	4.2	2.8	2.3	4.2	4.1	2.8
Hip Replacement/Reconstruction	148	2.0	2.3	1.3	4.7	4.4	1.7	7.4	5.8	2.4
Open Reduction of Hip Fracture	70	5.7	5.4	5.1	17.1	10.4	8.4	20.0	13.8	10.1
Prostatectomy	312	1.6	1.0	0.8	2.6	2.4	0.9	5.4	4.0	1.5
Cholecystectomy	192	0.5	2.9	1.7	5.2	5.3	1.9	7.8	7.2	1.9
Hysterectomy	81	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9,733	6.3	7.6	0.3	10.8	11.9	0.4	14.0	15.3	0.4
CONDITIONS:										
Acute Myocardial Infarction	232	26.7	28.9	3.2	31.9	32.4	3.1	34.9	36.2	3.3
Congestive Heart Failure	337	14.8	15.7	2.3	24.3	24.0	2.8	32.6	30.9	3.5
Pneumonia/Influenza	176	16.5	16.6	3.0	23.9	22.6	3.6	27.3	27.5	3.4
Chronic Obstructive Pulmonary Disease	120	5.8	7.7	2.8	15.0	13.5	3.5	21.7	18.3	4.2
Transient Cerebral Ischemia	200	0.5	1.7	1.3	3.0	3.5	2.2	3.0	5.6	3.2
Stroke	289	18.3	21.6	4.8	25.3	28.1	4.2	29.8	32.6	3.9
Hip Fracture	181	3.9	6.4	3.3	8.8	11.5	4.9	12.7	15.0	4.3
Sepsis	61	19.7	29.7	8.8	32.8	37.5	7.7	37.7	43.7	6.9
PROCEDURES:										
Angioplasty	81	4.9	6.6	3.5	4.9	8.0	3.4	4.9	9.5	3.9
Coronary Artery Bypass Graft	237	7.6	6.4	2.1	11.8	8.8	3.5	13.1	10.1	4.2
Initial Pacemaker Insertion	94	6.4	3.3	3.6	8.5	6.5	3.0	11.7	9.3	3.6
Carotid Endarterectomy	73	4.1	1.4	3.2	5.5	2.8	3.8	6.8	4.0	4.7
Hip Replacement/Reconstruction	147	2.7	2.2	2.2	6.1	4.1	2.9	7.5	5.4	3.2
Open Reduction of Hip Fracture	69	5.8	5.1	2.7	8.7	10.2	4.2	11.6	13.8	5.6
Prostatectomy	299	1.3	1.0	0.8	3.3	2.4	1.2	5.4	4.0	1.5
Cholecystectomy	171	3.5	3.3	1.4	5.8	6.1	2.2	6.4	8.0	2.7
Hysterectomy	93	2.2	0.9	1.4	2.2	1.5	1.6	3.2	2.1	2.0

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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BAPTIST MEMORIAL HOSPITAL
MEDICAL CENTER
899 MADISON AVENUE
MEMPHIS, TENNESSEE 38146

JOSEPH H. POWELL, PRESIDENT

Medicare Provider Number: 440048

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Baptist Memorial Hospital is a JCAHO accredited, 1970 bed tertiary care referral center with a distinct part rehabilitation unit, a distinct part psychiatric unit, and a skilled nursing facility. Its primary service area covers three states, with additional patients being referred from numerous other states and foreign countries.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that, when ranges are calculated at a 95% level of confidence, all of the categories fall well within or below their respective predicted ranges for the fourth straight year, and in all recalculations of the data for previous years. In addition, it is interesting to note that the observed mortality rates for the "all causes" categories for the three years reported are well below the lower limits of the respective predicted ranges (at a 95% level of confidence), indicating a statistically significant lower than expected mortality rate.

Baptist Memorial Hospital is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care; all mortalities are reviewed as an integral part of this process. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital.

Sincerely,

Joseph H Powell

Joseph H. Powell
President

BAPTIST MEMORIAL HEALTH CARE SYSTEM, INC.

BAPTIST MEMORIAL HOSPITAL
· MEDICAL CENTER
· EAST
· REGIONAL REHABILITATION CENTER

BAPTIST MEMORIAL HOSPITAL GERMANTOWN

2100 Exeter Road
Germantown, TN 38138

Medicare Provider Number: 440147

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	24	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	2
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	3
Registered Nurses	27
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST MEMORIAL HOSPITAL GERMANTOWN

Medicare Provider Number: 440147

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	36	0.0	1.4	*	0.0	2.9	*	5.6	4.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.7	*	0.0	1.7	*	20.0	3.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Baptist Memorial
Hospital - Germantown

2100 Exeter Road
Germantown, Tennessee 38138
901-757-1350

January 10, 1991

Heatlh Care Financing Administration
P.O. Box 26684
Baltimore, Maryland 21207

Dear Sir:

Baptist Memorial Hospital-Germantown is a State of Tennessee accredited 50 bed acute care facility which provides mainly outpatient services to the community. Baptist Memorial Hospital-Germantown's data indicates no deaths in the hospital.

The hospital's Board and Medical Staff strive for optimal patient care through an active quality assurance program. The goal of the Board of Trustees, Administration and the Medical Staff is to provide optimal quality care to all patients who seek treatment at Baptist Memorial Hospital-Germantown.

We caution against reviewing the HCFA mortality rates as the ultimate indicators of quality. Quality cannot be measured with statistics alone. In fact, there is no statistical model available at this time which can consider all the variables that may interact to result in a positive or negative patient outcome. Such a model can only suggest areas for evaluation or study.

Sincerely,

Jerry L. Lee

Jerry L. Lee
Administrator

JLL/sp

BAPTIST MEMORIAL HOSPITAL HUNTINGDON

631 R B Wilson Dr
Huntingdon, TN 38344

Medicare Provider Number: 440016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	637	11.1	8.9	1.6	16.3	13.6	1.9	19.8	17.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	12	66.7	31.3	*	75.0	34.5	*	75.0	38.0	*
Congestive Heart Failure	53	18.9	14.7	10.2	28.3	23.5	9.6	34.0	30.6	8.1
Pneumonia/Influenza	32	6.3	17.0	*	9.4	23.2	*	9.4	28.0	*
Chronic Obstructive Pulmonary Disease	20	5.0	5.3	*	5.0	11.3	*	10.0	16.8	*
Transient Cerebral Ischemia	19	10.5	2.0	*	15.8	4.6	*	15.8	7.7	*
Stroke	36	30.6	16.9	*	38.9	23.3	*	50.0	27.4	*
Hip Fracture	11	0.0	5.4	*	0.0	9.7	*	9.1	12.8	*
Sepsis	8	50.0	30.3	*	62.5	39.1	*	75.0	45.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.1	*	22.2	7.4	*	33.3	12.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	9	0.0	4.7	*	0.0	8.7	*	0.0	11.6	*
Prostatectomy	11	0.0	1.2	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy	13	15.4	2.1	*	15.4	3.8	*	15.4	5.2	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	54
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	30
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST MEMORIAL HOSPITAL HUNTINGDON

Medicare Provider Number: 440016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	689	10.7	8.7	1.6	12.9	13.2	1.3	15.2	17.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	18	61.1	29.7	*	61.1	32.6	*	61.1	36.0	*
Congestive Heart Failure	32	40.6	16.8	*	43.8	25.6	*	46.9	32.8	*
Pneumonia/Influenza	40	7.5	16.8	*	10.0	23.1	*	15.0	28.0	*
Chronic Obstructive Pulmonary Disease	29	0.0	5.7	*	6.9	11.6	*	6.9	16.6	*
Transient Cerebral Ischemia	21	0.0	2.6	*	0.0	6.2	*	9.5	10.0	*
Stroke	26	11.5	18.5	*	11.5	25.5	*	11.5	30.2	*
Hip Fracture	14	14.3	6.4	*	21.4	11.8	*	21.4	15.6	*
Sepsis	6	66.7	28.7	*	66.7	36.6	*	66.7	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.5	*	0.0	10.3	*	0.0	15.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	11	18.2	4.5	*	27.3	8.7	*	27.3	11.7	*
Prostatectomy	15	0.0	1.4	*	0.0	3.3	*	6.7	5.4	*
Cholecystectomy	14	14.3	3.1	*	14.3	5.7	*	14.3	7.5	*
Hysterectomy	5	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	718	11.0	7.9	1.8	14.5	12.4	1.7	17.5	16.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	26.1	*	50.0	29.9	*	50.0	33.7	*
Congestive Heart Failure	45	22.2	16.4	*	26.7	25.5	*	33.3	33.1	*
Pneumonia/Influenza	48	16.7	16.9	*	27.1	23.5	*	31.3	28.9	*
Chronic Obstructive Pulmonary Disease	33	15.2	6.6	*	15.2	12.7	*	18.2	17.9	*
Transient Cerebral Ischemia	24	0.0	1.8	*	4.2	3.9	*	4.2	6.2	*
Stroke	31	35.5	21.3	*	45.2	28.7	*	51.6	33.5	*
Hip Fracture	12	8.3	6.0	*	16.7	11.1	*	16.7	14.7	*
Sepsis	1	0.0	24.2	*	0.0	28.2	*	100.0	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	*	0.0	5.4	*	0.0	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.5	*	0.0	10.1	*	0.0	12.8	*
Open Reduction of Hip Fracture	9	11.1	5.1	*	22.2	9.9	*	22.2	13.3	*
Prostatectomy	5	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	15	0.0	1.9	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	4	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Baptist Memorial
Hospital Huntingdon
631 R. B. Wilson Drive
Huntingdon, Tennessee 38344

JAMIE TOWNSEND
Interim Administrator

Telephone
(901) 986-4461

MEDICARE PROVIDER NUMBER: 440016

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Baptist Memorial Hospital-Huntingdon is a JCAHO accredited, 70-bed acute care facility which provides quality services in a rural community. There are two local nursing homes which contribute a large portion of the elderly, chronically and terminally ill patients admitted to our facility.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of those categories for which a standard deviation was supplied indicates that, when ranges are calculated at a 95% level of confidence, all observed rates fall well within their predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Baptist Memorial Hospital-Huntingdon is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-Huntingdon.

Sincerely,

Jamie Townsend

Jamie Townsend
Interim Administrator

BAPTIST MEMORIAL HOSPITAL LAUDERDALE

326 Asbury Rd
Ripley, TN 38063

Medicare Provider Number: 440114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	435	12.6	12.6	1.6	17.9	18.8	2.2	22.1	23.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	27.7	*	55.6	32.0	*	55.6	35.8	*
Congestive Heart Failure	26	15.4	15.2	*	19.2	23.5	*	23.1	30.2	*
Pneumonia/Influenza	31	12.9	17.1	*	19.4	23.2	*	22.6	28.0	*
Chronic Obstructive Pulmonary Disease	15	13.3	7.1	*	13.3	13.2	*	13.3	18.7	*
Transient Cerebral Ischemia	10	0.0	2.9	*	10.0	6.8	*	20.0	11.0	*
Stroke	14	14.3	16.3	*	21.4	21.9	*	28.6	25.7	*
Hip Fracture	0									
Sepsis	24	37.5	32.8	*	45.8	42.3	*	50.0	49.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.6	*	0.0	11.5	*	0.0	16.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	33.3	6.1	*	33.3	14.4	*	33.3	22.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	37
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST MEMORIAL HOSPITAL LAUDERDALE

Medicare Provider Number: 440114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	478	12.6	10.4	2.1	16.9	15.8	2.1	19.9	20.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	28.6	*	35.7	31.5	*	35.7	34.8	*
Congestive Heart Failure	47	19.1	17.3	*	27.7	26.3	*	29.8	33.3	*
Pneumonia/Influenza	29	17.2	15.5	*	24.1	21.0	*	27.6	25.6	*
Chronic Obstructive Pulmonary Disease	15	0.0	5.9	*	6.7	11.1	*	6.7	15.8	*
Transient Cerebral Ischemia	10	0.0	2.5	*	0.0	5.4	*	0.0	8.5	*
Stroke	14	42.9	26.2	*	42.9	34.9	*	42.9	39.9	*
Hip Fracture	1	0.0	9.7	*	0.0	19.3	*	0.0	26.0	*
Sepsis	7	28.6	29.1	*	42.9	40.0	*	57.1	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.4	*	0.0	4.6	*	0.0	6.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.8	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	10.6	10.7	1.5	16.4	16.2	1.7	20.4	20.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	25	36.0	35.2	*	44.0	40.0	*	52.0	44.2	*
Congestive Heart Failure	45	8.9	17.3	*	17.8	26.1	*	20.0	33.2	*
Pneumonia/Influenza	40	17.5	16.9	*	22.5	22.7	*	30.0	27.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	7.9	*	14.3	13.6	*	14.3	18.9	*
Transient Cerebral Ischemia	11	9.1	2.8	*	9.1	6.0	*	9.1	9.6	*
Stroke	21	28.6	18.4	*	42.9	25.1	*	47.6	29.6	*
Hip Fracture	1	0.0	5.1	*	0.0	9.8	*	0.0	13.4	*
Sepsis	4	50.0	40.3	*	50.0	52.6	*	50.0	59.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	2.7	*	0.0	4.7	*	0.0	5.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Baptist Memorial
Hospital Lauderdale
326 Asbury Road
Ripley, Tennessee 38063

William E. Torrence, Jr.
Administrator

901-635-1331

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Ms. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Medicare Provider
Number 440114

Dear Ms. Kappert,

Baptist Memorial Hospital-Lauderdale is a JCAHO Accredited, 70-bed acute care facility which provides quality services in a rural community.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of the "all causes" category, which is the only category for which a standard deviation was supplied, indicates that, when a range is calculated at a 95% level of confidence, the observed rate falls well within the predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Baptist Memorial Hospital-Lauderdale is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-Lauderdale.

Sincerely,

Wm. E. Torrence, Jr.

William E. Torrence, Jr.,
Administrator

BAPTIST MEMORIAL HOSPITAL TIPTON

1995 Hwy 51 S Box 737
Covington, TN 38019

Medicare Provider Number: 440131

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	709	9.3	10.4	1.5	14.4	15.3	1.6	17.3	19.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	31.3	*	33.3	35.6	*	33.3	39.3	*
Congestive Heart Failure	53	7.5	13.9	5.8	15.1	21.8	7.9	18.9	28.5	8.4
Pneumonia/Influenza	27	11.1	13.9	*	18.5	18.9	*	22.2	23.1	*
Chronic Obstructive Pulmonary Disease	18	0.0	4.4	*	0.0	8.4	*	5.6	11.9	*
Transient Cerebral Ischemia	15	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Stroke	38	26.3	25.6	*	34.2	33.1	*	42.1	37.9	*
Hip Fracture	19	10.5	6.6	*	21.1	11.8	*	21.1	15.2	*
Sepsis	20	45.0	33.9	*	75.0	41.3	*	80.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	16.5	*	50.0	25.3	*	50.0	29.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	7.5	*	42.9	13.6	*	42.9	17.4	*
Open Reduction of Hip Fracture	12	0.0	4.8	*	8.3	9.2	*	8.3	12.3	*
Prostatectomy	30	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy	4	0.0	1.5	*	0.0	2.3	*	0.0	2.8	*
Hysterectomy	4	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	43
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST MEMORIAL HOSPITAL TIPTON

Medicare Provider Number: 440131

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	726	12.5	11.0	1.4	19.4	16.4	1.9	23.8	20.4	2.3
CONDITIONS:										
Acute Myocardial Infarction	24	37.5	28.2	*	41.7	31.6	*	41.7	35.5	*
Congestive Heart Failure	44	18.2	16.5	*	29.5	24.8	*	40.9	31.5	*
Pneumonia/Influenza	57	22.8	18.2	8.3	31.6	24.7	10.8	40.4	29.6	12.1
Chronic Obstructive Pulmonary Disease	11	9.1	5.4	*	9.1	9.7	*	18.2	13.3	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Stroke	33	18.2	24.7	*	36.4	32.8	*	42.4	37.8	*
Hip Fracture	23	8.7	7.3	*	8.7	12.9	*	26.1	16.5	*
Sepsis	7	42.9	29.3	*	71.4	38.7	*	71.4	45.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	6.6	*	14.3	12.8	*	28.6	16.8	*
Open Reduction of Hip Fracture	6	0.0	7.6	*	0.0	14.5	*	50.0	19.1	*
Prostatectomy	41	0.0	1.9	*	2.4	4.9	*	7.3	8.2	*
Cholecystectomy	10	0.0	4.2	*	0.0	7.8	*	0.0	9.9	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	10.6	10.0	1.5	15.4	14.9	2.5	19.9	18.7	2.4
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	33.2	*	33.3	36.9	*	33.3	40.6	*
Congestive Heart Failure	39	15.4	14.2	*	28.2	21.7	*	38.5	28.2	*
Pneumonia/Influenza	33	24.2	15.7	*	33.3	21.4	*	36.4	26.2	*
Chronic Obstructive Pulmonary Disease	13	7.7	9.5	*	7.7	16.0	*	15.4	21.0	*
Transient Cerebral Ischemia	18	0.0	2.0	*	0.0	4.3	*	0.0	7.0	*
Stroke	32	15.6	22.2	*	25.0	29.4	*	31.3	34.3	*
Hip Fracture	20	5.0	6.6	*	15.0	11.5	*	35.0	14.8	*
Sepsis	7	28.6	32.2	*	42.9	42.4	*	42.9	48.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	22.9	*	50.0	33.0	*	50.0	37.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.1	*	20.0	9.7	*	20.0	13.0	*
Open Reduction of Hip Fracture	2	0.0	6.5	*	0.0	11.6	*	0.0	14.9	*
Prostatectomy	54	1.9	1.2	1.6	1.9	3.0	2.5	3.7	4.9	3.3
Cholecystectomy	8	25.0	4.4	*	25.0	8.3	*	25.0	10.5	*
Hysterectomy	3	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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BAPTIST MEMORIAL HOSPITAL - TIPTON
1995 HIGHWAY 51 SOUTH
COVINGTON, TENNESSEE 38019
TELEPHONE (901) 476-2621

WILLIAM T. MOORER, ADMINISTRATOR

Medicare-Provider Number: 440131

January 15, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Baptist Memorial Hospital-Tipton is a JCAHO Accredited, 100 bed acute care facility which provides quality services in a rural community. There is one local nursing home which contributes a large portion of the elderly, chronically and terminally ill patients admitted by our facility.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of those categories for which a standard deviation was supplied indicates that, when ranges are calculated at a 95% level of confidence, all observed rates fall well within their predicted ranges for all three time periods post discharge. In general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Baptist Memorial Hospital-Tipton is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-Tipton.

Sincerely,

William T. Moorer
Administrator

BAPTIST MEMORIAL HOSPITAL UNION CITY

Bishop at Russell
Union City, TN 38261

Medicare Provider Number: 440130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,227	11.7	9.2	1.3	15.7	13.7	1.3	18.3	17.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	40	42.5	23.9	*	42.5	27.3	*	42.5	30.8	*
Congestive Heart Failure	92	20.7	15.1	6.4	29.3	23.6	6.0	33.7	30.5	6.5
Pneumonia/Influenza	38	23.7	17.5	*	31.6	23.5	*	34.2	28.2	*
Chronic Obstructive Pulmonary Disease	38	7.9	6.1	*	10.5	11.5	*	18.4	16.2	*
Transient Cerebral Ischemia	27	0.0	1.8	*	3.7	3.9	*	7.4	6.1	*
Stroke	53	20.8	20.5	5.6	30.2	27.0	7.1	34.0	31.3	7.1
Hip Fracture	41	9.8	7.2	*	17.1	12.8	*	22.0	16.6	*
Sepsis	20	35.0	27.8	*	40.0	37.0	*	45.0	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	5.5	*	13.3	9.5	*	13.3	13.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	4.5	4.9	*	9.1	9.1	*	13.6	12.1	*
Open Reduction of Hip Fracture	18	11.1	6.6	*	22.2	12.0	*	27.8	15.6	*
Prostatectomy	27	3.7	1.2	*	7.4	2.8	*	11.1	4.6	*
Cholecystectomy	32	0.0	2.1	*	3.1	3.7	*	6.3	4.8	*
Hysterectomy	12	8.3	0.3	*	8.3	0.5	*	8.3	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	130
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	69
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAPTIST MEMORIAL HOSPITAL UNION CITY

Medicare Provider Number: 440130

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,156	11.2	9.1	1.3	14.6	13.5	1.1	18.4	16.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	53	30.2	25.3	10.1	35.8	28.6	11.5	41.5	32.1	13.6
Congestive Heart Failure	78	28.2	15.5	5.2	34.6	23.7	5.7	41.0	30.4	6.2
Pneumonia/Influenza	47	12.8	15.1	*	19.1	20.1	*	25.5	24.3	*
Chronic Obstructive Pulmonary Disease	26	3.8	7.6	*	3.8	12.8	*	15.4	17.4	*
Transient Cerebral Ischemia	28	0.0	2.5	*	7.1	5.5	*	14.3	8.6	*
Stroke	47	36.2	22.1	*	42.6	28.6	*	44.7	33.2	*
Hip Fracture	31	3.2	6.1	*	6.5	11.1	*	9.7	14.4	*
Sepsis	17	17.6	21.2	*	29.4	26.7	*	29.4	31.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	3.9	*	16.7	6.4	*	16.7	8.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	0.0	3.5	*	0.0	6.4	*	3.6	8.3	*
Open Reduction of Hip Fracture	11	9.1	5.8	*	18.2	11.4	*	18.2	15.3	*
Prostatectomy	39	2.6	2.0	*	7.7	4.5	*	15.4	6.9	*
Cholecystectomy	21	9.5	2.2	*	9.5	4.1	*	14.3	5.4	*
Hysterectomy	14	7.1	0.5	*	7.1	1.0	*	14.3	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,214	11.8	8.3	1.2	16.4	12.7	1.3	18.9	16.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	40	47.5	28.0	*	50.0	31.2	*	57.5	34.5	*
Congestive Heart Failure	76	17.1	15.0	4.7	26.3	22.7	6.7	30.3	29.3	5.7
Pneumonia/Influenza	38	18.4	15.5	*	23.7	21.1	*	23.7	25.6	*
Chronic Obstructive Pulmonary Disease	23	26.1	6.0	*	34.8	10.9	*	34.8	15.1	*
Transient Cerebral Ischemia	19	5.3	1.8	*	5.3	3.8	*	5.3	6.0	*
Stroke	53	32.1	21.4	8.0	35.8	27.7	9.9	47.2	32.2	11.0
Hip Fracture	43	9.3	6.7	*	11.6	12.0	*	11.6	15.6	*
Sepsis	14	21.4	19.9	*	28.6	26.9	*	28.6	31.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	14.8	4.8	*	14.8	9.1	*	14.8	12.2	*
Open Reduction of Hip Fracture	21	4.8	5.8	*	4.8	10.6	*	4.8	13.9	*
Prostatectomy	41	4.9	1.1	*	7.3	2.5	*	9.8	4.1	*
Cholecystectomy	25	4.0	3.2	*	12.0	5.3	*	12.0	6.5	*
Hysterectomy	22	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

279.1

Baptist Memorial
Hospital-Union City

UNION CITY, TENNESSEE 38261

901 885-2410

David C. Hogan
Administrator

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

January 8, 1991

MEDICARE PROVIDER NO:
0440130

Dear Mrs. Kappert:

Baptist Memorial Hospital-Union City is a JCAHO and State of Tennessee accredited 173 bed acute care facility which provides quality services within a rural community. There are five (5) nursing homes within a ten (10) mile radius of our hospital which contribute to a large majority of the elderly, chronically and terminally ill patients admitted to our facility.

In 1989, Baptist Memorial Hospital-Union City admitted and treated 1778 Medicare patients. According to HCFA mortality statistics provided, our facility exceeded the predicted range in CVA's and CHF patients.

From an analysis performed on this data 89% of the deaths had increased severity levels due to secondary diagnoses of; ASHD, uncontrolled diabetes mellitus, COPD, pneumonia and sepsis. 68% of the deaths were patients which were designated as DNR (Do Not Resuscitate), due to the terminal condition of the patient. 77% of the patients were admitted through the E.R.

Of the 67 deaths 29% died while hospitalized. 61% died outside of the hospital. 67% of the patients died 30 days or more following discharge from this facility. Of the 12% that died within 30 days of discharge none expired within 72 hours of discharge from this facility

It should be noted that Baptist Memorial Hospital-Union City is the only facility within a 40 mile radius of a full-time cardiologist on staff and a qualified cardiac rehabilitation program. This results in a greater treatment of a greater number of patients seeking treatment for severe acute heart disease in this facility.

As stated previously, our facility is JCAHO and State of Tennessee acredited, thus requiring an extensive Quality Assurance Program and Utilization Review Management Program. All deaths are screened using criteria developed and approved by the Medical Staff which are made up of board certified physicians. Within this type of review, the hospital is able to identify the appropriateness and quality of care received and that the medical treatment was provided according to the appropriate standards of care. No quality problems have been found.

Baptist Memorial
Hospital-Union City

UNION CITY, TENNESSEE 38261

901 885-2410

David C. Hogan
Administrator

We caution against viewing the HCFA mortality rates as the ultimate. indicators of quality. Quality cannot be measured with statistics alone. In fact, there is no statistical modes available at this time which can consider all the varibles that may interact to result in a positive or negative patient outcome. Such a model can only suggest areas for evaluation or study.

The goal of the Board of Trustees, Administration and Medical Staff is to provide optimal quality care to all patients who seek treatment at Baptist Memorial Hospital- Union City.

Sincerely,

David C. Hogan

David C. Hogan
Administrator

BEDFORD COUNTY GENERAL HOSPITAL

845 Union St
Shelbyville, TN 37160

Medicare Provider Number: 440137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	644	8.7	9.5	1.6	14.8	14.7	1.4	17.1	18.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	35.7	*	50.0	40.3	*	50.0	44.5	*
Congestive Heart Failure	60	11.7	15.4	6.3	21.7	23.9	6.0	28.3	30.8	6.3
Pneumonia/Influenza	71	15.5	15.8	6.6	23.9	21.7	7.9	28.2	26.5	7.2
Chronic Obstructive Pulmonary Disease	11	9.1	5.1	*	9.1	9.4	*	9.1	13.8	*
Transient Cerebral Ischemia	8	0.0	2.1	*	12.5	4.9	*	12.5	8.0	*
Stroke	20	30.0	21.4	*	40.0	27.6	*	40.0	32.0	*
Hip Fracture	24	0.0	5.6	*	0.0	10.4	*	4.2	13.7	*
Sepsis	3	0.0	33.3	*	0.0	44.5	*	0.0	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	4.9	*	0.0	9.0	*	7.1	11.8	*
Open Reduction of Hip Fracture	10	0.0	5.4	*	0.0	10.9	*	0.0	15.0	*
Prostatectomy	6	0.0	1.6	*	0.0	3.7	*	0.0	6.0	*
Cholecystectomy	16	0.0	2.9	*	6.3	5.8	*	12.5	8.1	*
Hysterectomy	7	0.0	1.4	*	0.0	3.3	*	0.0	5.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	182
Occupancy Rate	74
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	53
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BEDFORD COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440137

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	719	9.6	10.1	1.3	14.7	15.0	1.3	19.1	18.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	26.2	*	30.0	29.4	*	40.0	32.9	*
Congestive Heart Failure	62	11.3	13.6	6.8	16.1	20.7	6.4	27.4	26.8	5.7
Pneumonia/Influenza	51	23.5	15.0	8.0	27.5	20.4	7.3	27.5	24.7	7.8
Chronic Obstructive Pulmonary Disease	11	9.1	7.4	*	9.1	13.0	*	9.1	18.2	*
Transient Cerebral Ischemia	11	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	26	26.9	18.7	*	34.6	25.3	*	38.5	30.1	*
Hip Fracture	18	0.0	6.2	*	16.7	11.4	*	16.7	14.9	*
Sepsis	12	16.7	32.6	*	16.7	38.2	*	33.3	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	5.1	*	11.1	9.5	*	11.1	12.5	*
Open Reduction of Hip Fracture	6	0.0	5.4	*	0.0	10.6	*	0.0	14.4	*
Prostatectomy	13	0.0	1.5	*	0.0	3.6	*	0.0	5.9	*
Cholecystectomy	21	0.0	2.6	*	4.8	4.3	*	4.8	5.3	*
Hysterectomy	7	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	694	9.1	9.4	1.2	12.0	14.2	2.0	15.4	17.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	29.3	*	35.7	32.6	*	35.7	36.1	*
Congestive Heart Failure	67	19.4	16.1	4.9	20.9	24.7	5.7	22.4	31.7	7.5
Pneumonia/Influenza	56	10.7	15.8	6.5	12.5	21.8	8.3	17.9	26.7	8.7
Chronic Obstructive Pulmonary Disease	7	0.0	5.7	*	0.0	11.4	*	14.3	16.7	*
Transient Cerebral Ischemia	12	0.0	2.0	*	8.3	4.5	*	8.3	7.1	*
Stroke	25	8.0	20.6	*	16.0	27.1	*	20.0	31.6	*
Hip Fracture	20	5.0	5.4	*	5.0	9.9	*	10.0	13.3	*
Sepsis	4	25.0	19.6	*	25.0	24.8	*	25.0	29.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	4.6	*	9.1	8.9	*	18.2	12.0	*
Open Reduction of Hip Fracture	8	0.0	5.2	*	0.0	10.0	*	0.0	13.5	*
Prostatectomy	14	0.0	1.2	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy	17	0.0	4.3	*	0.0	7.0	*	0.0	8.3	*
Hysterectomy	11	0.0	1.4	*	0.0	2.9	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BENTON COMMUNITY HOSPITAL

Hospital St
Camden, TN 38320

Medicare Provider Number: 440145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	733	9.1	8.0	1.7	13.8	12.0	1.8	16.5	15.2	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	68.4	40.7	*	68.4	44.7	*	73.7	49.3	*
Congestive Heart Failure	22	18.2	13.2	*	36.4	20.8	*	50.0	27.2	*
Pneumonia/Influenza	38	15.8	14.0	*	18.4	19.7	*	26.3	23.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	4.4	*	0.0	8.2	*	10.0	11.8	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.8	*	0.0	5.9	*
Stroke	38	21.1	21.6	*	28.9	28.6	*	36.8	33.6	*
Hip Fracture	7	14.3	7.5	*	14.3	12.7	*	14.3	16.1	*
Sepsis	1	0.0	28.9	*	100.0	45.5	*	100.0	53.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.3	*	20.0	5.9	*	20.0	7.7	*
Open Reduction of Hip Fracture	3	0.0	5.8	*	0.0	10.6	*	0.0	13.8	*
Prostatectomy	2	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	13	0.0	2.4	*	7.7	4.8	*	7.7	6.3	*
Hysterectomy	2	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	76
Occupancy Rate	57
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	27
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BENTON COMMUNITY HOSPITAL

Medicare Provider Number: 440145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	695	10.6	8.2	1.9	13.7	12.4	1.6	17.3	15.8	1.8
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	41.5	*	41.2	45.8	*	52.9	50.6	*
Congestive Heart Failure	28	28.6	15.6	*	28.6	24.2	*	35.7	31.3	*
Pneumonia/Influenza	49	20.4	16.2	*	24.5	22.3	*	26.5	27.0	*
Chronic Obstructive Pulmonary Disease	17	29.4	6.6	*	29.4	12.4	*	35.3	17.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke	28	25.0	21.8	*	39.3	28.0	*	42.9	32.8	*
Hip Fracture	12	0.0	6.5	*	16.7	12.8	*	25.0	17.3	*
Sepsis	2	0.0	12.5	*	0.0	17.2	*	0.0	21.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.1	*	16.7	8.3	*	16.7	11.4	*
Open Reduction of Hip Fracture	3	0.0	8.2	*	33.3	16.0	*	33.3	21.2	*
Prostatectomy	4	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	3	0.0	2.2	*	0.0	3.8	*	0.0	4.6	*
Hysterectomy	4	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	701	9.3	7.8	2.0	14.0	12.1	2.3	16.7	15.7	2.2
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	28.8	*	25.0	32.4	*	25.0	37.1	*
Congestive Heart Failure	26	30.8	15.3	*	42.3	24.4	*	53.8	32.0	*
Pneumonia/Influenza	46	17.4	16.0	*	21.7	22.2	*	23.9	27.3	*
Chronic Obstructive Pulmonary Disease	21	9.5	9.0	*	19.0	16.6	*	28.6	22.6	*
Transient Cerebral Ischemia	12	0.0	2.7	*	0.0	6.2	*	8.3	10.2	*
Stroke	40	27.5	23.8	*	32.5	31.7	*	35.0	37.3	*
Hip Fracture	8	0.0	3.7	*	0.0	7.0	*	0.0	9.6	*
Sepsis	2	100.0	44.7	*	100.0	57.8	*	100.0	65.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.0	*	0.0	5.7	*	0.0	7.8	*
Open Reduction of Hip Fracture	1	0.0	5.8	*	0.0	12.1	*	0.0	16.8	*
Prostatectomy	12	0.0	0.6	*	8.3	1.4	*	8.3	2.3	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BLEDSOE COUNTY HOSPITAL

Hwy 30 Box 428
Pikeville, TN 37367

Medicare Provider Number: 440157

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	262	4.2	6.8	2.1	7.3	10.9	2.4	13.0	14.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	24.2	*	33.3	27.7	*	33.3	31.9	*
Congestive Heart Failure	13	7.7	14.6	*	7.7	23.2	*	7.7	30.1	*
Pneumonia/Influenza	14	7.1	16.1	*	21.4	22.1	*	21.4	26.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	12.6	*	0.0	23.3	*	25.0	32.2	*
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Stroke	6	16.7	27.3	*	33.3	36.0	*	50.0	41.4	*
Hip Fracture	0									
Sepsis	1	0.0	42.6	*	0.0	48.7	*	100.0	55.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	32
Occupancy Rate	50
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLEDSOE COUNTY HOSPITAL

Medicare Provider Number: 440157

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	316	7.6	6.9	1.6	10.4	11.0	1.8	13.3	14.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	27.8	*	36.4	30.6	*	36.4	34.3	*
Congestive Heart Failure	12	8.3	15.6	*	8.3	24.1	*	8.3	30.8	*
Pneumonia/Influenza	15	26.7	19.6	*	26.7	27.1	*	26.7	32.7	*
Chronic Obstructive Pulmonary Disease	9	22.2	4.2	*	22.2	9.1	*	22.2	13.5	*
Transient Cerebral Ischemia	16	6.3	2.5	*	6.3	5.7	*	18.8	8.9	*
Stroke	11	36.4	22.1	*	36.4	28.9	*	45.5	34.1	*
Hip Fracture	1	0.0	5.6	*	100.0	11.5	*	100.0	16.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	2.3	*	0.0	3.9	*	0.0	4.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	269	5.9	7.7	2.1	10.0	11.5	2.4	13.8	14.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	28.4	*	37.5	32.3	*	37.5	36.5	*
Congestive Heart Failure	14	7.1	17.8	*	21.4	27.0	*	28.6	34.2	*
Pneumonia/Influenza	9	11.1	14.3	*	22.2	18.9	*	33.3	22.9	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.4	*	12.5	9.1	*	12.5	13.6	*
Transient Cerebral Ischemia	19	0.0	2.4	*	0.0	5.4	*	0.0	8.7	*
Stroke	9	55.6	20.5	*	55.6	27.9	*	55.6	32.7	*
Hip Fracture	1	0.0	6.5	*	100.0	11.8	*	100.0	15.4	*
Sepsis	4	0.0	34.8	*	25.0	40.7	*	25.0	47.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	16.5	*	50.0	21.7	*	50.0	26.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BLOUNT MEMORIAL HOSPITAL

907 E Lamar Alexander Parkway
Maryville, TN 37801

Medicare Provider Number: 440011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,250	7.5	9.1	0.8	12.3	13.4	1.1	15.0	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	103	23.3	28.5	8.9	27.2	31.9	9.3	30.1	35.4	9.0
Congestive Heart Failure	105	14.3	15.6	4.3	19.0	24.1	5.1	21.9	31.1	6.8
Pneumonia/Influenza	111	7.2	13.8	5.4	12.6	18.9	6.8	15.3	23.0	6.3
Chronic Obstructive Pulmonary Disease	48	2.1	5.1	*	2.1	9.8	*	2.1	14.2	*
Transient Cerebral Ischemia	36	2.8	2.3	*	2.8	5.1	*	8.3	8.1	*
Stroke	69	18.8	22.3	7.3	29.0	28.6	5.6	30.4	33.2	6.4
Hip Fracture	66	7.6	7.8	5.1	9.1	13.2	6.9	10.6	16.6	8.3
Sepsis	26	3.8	24.2	*	11.5	31.4	*	19.2	37.1	*
PROCEDURES:										
Angioplasty	7	14.3	11.7	*	14.3	13.0	*	14.3	14.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*
Carotid Endarterectomy	13	0.0	1.5	*	7.7	2.9	*	7.7	4.3	*
Hip Replacement/Reconstruction	36	8.3	4.9	*	8.3	8.8	*	8.3	11.4	*
Open Reduction of Hip Fracture	41	4.9	7.1	*	7.3	12.4	*	9.8	15.7	*
Prostatectomy	83	0.0	0.9	1.3	0.0	2.3	2.6	2.4	3.9	2.5
Cholecystectomy	74	5.4	3.9	3.1	6.8	6.8	3.2	9.5	8.7	3.4
Hysterectomy	13	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	203
Occupancy Rate	73
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	92
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	166
Licensed Practical Nurses	62

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLOUNT MEMORIAL HOSPITAL

Medicare Provider Number: 440011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,350	8.5	9.8	0.9	12.9	14.3	1.0	16.3	17.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	98	25.5	31.3	7.4	29.6	34.5	6.6	34.7	38.2	5.5
Congestive Heart Failure	86	10.5	15.5	4.8	17.4	23.5	6.3	19.8	30.4	7.7
Pneumonia/Influenza	112	9.8	16.8	5.6	13.4	22.5	5.5	20.5	27.1	5.0
Chronic Obstructive Pulmonary Disease	35	14.3	7.5	*	22.9	12.5	*	25.7	17.0	*
Transient Cerebral Ischemia	55	1.8	1.8	1.8	1.8	3.8	3.2	3.6	5.9	4.7
Stroke	100	19.0	22.8	6.5	25.0	28.7	7.4	29.0	33.3	7.1
Hip Fracture	73	8.2	8.3	3.5	9.6	14.2	6.0	16.4	17.7	5.1
Sepsis	24	37.5	32.4	*	50.0	41.0	*	54.2	47.3	*
PROCEDURES:										
Angioplasty	4	25.0	5.2	*	25.0	6.0	*	25.0	7.1	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	2.8	*	0.0	5.2	*	6.7	7.4	*
Carotid Endarterectomy	16	0.0	1.4	*	0.0	2.5	*	6.3	3.7	*
Hip Replacement/Reconstruction	33	6.1	4.9	*	6.1	9.1	*	6.1	11.6	*
Open Reduction of Hip Fracture	48	8.3	7.8	*	10.4	14.0	*	18.8	17.7	*
Prostatectomy	73	2.7	1.5	1.9	4.1	3.3	2.2	5.5	5.1	2.6
Cholecystectomy	69	5.8	2.7	3.6	10.1	5.0	5.6	13.0	6.7	6.4
Hysterectomy	14	0.0	0.1	*	7.1	0.2	*	7.1	0.4	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,396	9.3	8.7	0.7	14.1	12.9	1.1	17.2	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	79	36.7	31.8	7.0	41.8	35.4	8.8	45.6	39.2	10.6
Congestive Heart Failure	95	14.7	17.6	5.8	26.3	26.1	6.4	33.7	32.8	5.3
Pneumonia/Influenza	76	19.7	17.9	5.6	26.3	24.0	5.2	28.9	28.7	5.3
Chronic Obstructive Pulmonary Disease	45	8.9	8.3	*	15.6	14.3	*	22.2	19.0	*
Transient Cerebral Ischemia	52	1.9	2.1	2.1	7.7	4.5	3.9	9.6	7.1	4.9
Stroke	89	28.1	23.9	7.3	36.0	30.1	8.7	38.2	34.8	6.6
Hip Fracture	59	5.1	6.7	3.5	10.2	11.5	4.6	10.2	14.7	6.3
Sepsis	17	11.8	30.9	*	29.4	37.9	*	35.3	44.4	*
PROCEDURES:										
Angioplasty	1	0.0	2.9	*	0.0	4.9	*	0.0	6.0	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	4.1	*	0.0	6.9	*	7.1	9.2	*
Carotid Endarterectomy	15	6.7	1.4	*	13.3	2.5	*	13.3	3.6	*
Hip Replacement/Reconstruction	34	2.9	3.6	*	8.8	6.1	*	8.8	7.9	*
Open Reduction of Hip Fracture	37	2.7	5.8	*	5.4	10.8	*	5.4	14.2	*
Prostatectomy	120	0.8	1.1	1.0	1.7	2.7	1.9	2.5	4.4	2.8
Cholecystectomy	59	5.1	3.5	3.8	10.2	6.0	5.0	10.2	7.6	5.5
Hysterectomy	13	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BOLIVAR COMMUNITY HOSPITAL

650 Nuckolls Road
Bolivar, TN 38008

Medicare Provider Number: 440181

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	384	9.1	9.5	2.0	14.8	14.2	2.0	18.2	18.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	35.4	*	40.0	38.4	*	40.0	42.5	*
Congestive Heart Failure	13	23.1	16.3	*	23.1	24.8	*	23.1	32.0	*
Pneumonia/Influenza	37	18.9	13.6	*	21.6	18.6	*	21.6	22.9	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.4	*	0.0	15.0	*	0.0	20.7	*
Transient Cerebral Ischemia	8	0.0	1.8	*	0.0	4.0	*	0.0	6.6	*
Stroke	15	26.7	22.0	*	33.3	28.4	*	46.7	33.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.8	*	0.0	4.3	*	0.0	6.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	15	0.0	1.1	*	6.7	2.5	*	20.0	4.0	*
Cholecystectomy	13	15.4	5.3	*	15.4	9.1	*	15.4	11.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	47
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BOLIVAR COMMUNITY HOSPITAL

Medicare Provider Number: 440181

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	388	10.1	10.9	1.9	15.2	15.7	2.1	18.8	19.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	32.5	*	30.0	36.6	*	30.0	41.3	*
Congestive Heart Failure	13	23.1	18.5	*	30.8	26.8	*	38.5	33.8	*
Pneumonia/Influenza	53	11.3	16.9	6.4	17.0	23.3	7.5	22.6	28.2	7.1
Chronic Obstructive Pulmonary Disease	9	11.1	6.3	*	11.1	10.8	*	11.1	15.2	*
Transient Cerebral Ischemia	7	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke	13	30.8	21.4	*	61.5	27.5	*	61.5	32.3	*
Hip Fracture	0									
Sepsis	3	66.7	38.1	*	66.7	45.2	*	66.7	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	3.3	*	0.0	4.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	6.6	*	0.0	9.1	*	0.0	11.8	*
Cholecystectomy	6	0.0	4.1	*	0.0	7.3	*	0.0	9.2	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	414	14.0	10.6	2.5	18.1	15.7	2.6	20.5	19.8	2.5
CONDITIONS:										
Acute Myocardial Infarction	12	66.7	33.5	*	66.7	36.7	*	66.7	40.9	*
Congestive Heart Failure	10	20.0	17.6	*	20.0	27.0	*	30.0	34.4	*
Pneumonia/Influenza	33	24.2	19.1	*	30.3	25.8	*	36.4	31.0	*
Chronic Obstructive Pulmonary Disease	9	22.2	9.6	*	22.2	16.5	*	22.2	22.0	*
Transient Cerebral Ischemia	11	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke	16	25.0	21.8	*	43.8	29.1	*	50.0	34.4	*
Hip Fracture	1	0.0	4.9	*	0.0	9.1	*	0.0	12.1	*
Sepsis	6	50.0	36.0	*	50.0	42.4	*	50.0	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	3.9	*	0.0	6.5	*	0.0	9.3	*
Cholecystectomy	7	14.3	4.1	*	14.3	7.2	*	14.3	8.9	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

BRADLEY MEMORIAL HOSPITAL

Chambliss Ave NW
Cleveland, TN 37311

Medicare Provider Number: 440024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,837	9.7	8.4	1.0	14.2	12.9	1.1	17.4	16.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	55	30.9	22.7	10.2	30.9	25.7	9.4	32.7	28.9	8.0
Congestive Heart Failure	108	21.3	12.9	5.7	27.8	20.0	6.3	34.3	26.2	6.4
Pneumonia/Influenza	97	17.5	16.5	4.4	22.7	22.3	4.3	24.7	26.9	4.9
Chronic Obstructive Pulmonary Disease	44	4.5	6.1	*	4.5	11.0	*	9.1	15.4	*
Transient Cerebral Ischemia	34	2.9	1.9	*	5.9	4.4	*	5.9	7.0	*
Stroke	64	26.6	21.8	5.8	29.7	28.4	5.7	32.8	32.9	6.0
Hip Fracture	66	1.5	5.8	3.7	4.5	10.5	5.5	6.1	13.8	6.4
Sepsis	5	20.0	18.1	*	20.0	21.7	*	20.0	25.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	5.4	*	6.3	10.0	*	12.5	14.0	*
Carotid Endarterectomy	6	0.0	0.9	*	0.0	1.6	*	0.0	2.4	*
Hip Replacement/Reconstruction	32	3.1	4.4	*	3.1	8.5	*	6.3	11.4	*
Open Reduction of Hip Fracture	41	2.4	4.9	*	7.3	9.2	*	7.3	12.2	*
Prostatectomy	86	3.5	1.2	2.3	4.7	3.0	2.4	5.8	5.0	3.4
Cholecystectomy	46	4.3	3.4	*	6.5	6.0	*	15.2	7.7	*
Hysterectomy	17	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	192
Occupancy Rate	55
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	86
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	184
Licensed Practical Nurses	85

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

BRADLEY MEMORIAL HOSPITAL

Medicare Provider Number: 440024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,861	9.3	8.3	0.9	13.8	12.6	1.1	17.0	16.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	46	39.1	27.9	*	41.3	30.7	*	45.7	34.0	*
Congestive Heart Failure	102	18.6	16.5	6.4	27.5	25.1	6.0	34.3	32.1	6.6
Pneumonia/Influenza	85	14.1	16.0	4.2	20.0	21.3	5.3	20.0	25.4	6.8
Chronic Obstructive Pulmonary Disease	53	5.7	4.9	4.5	11.3	9.1	5.2	13.2	12.8	4.8
Transient Cerebral Ischemia	43	2.3	2.2	*	2.3	4.7	*	2.3	7.4	*
Stroke	58	29.3	25.6	6.5	44.8	32.7	9.5	50.0	37.6	9.6
Hip Fracture	52	3.8	5.6	3.6	7.7	10.2	5.1	11.5	13.3	5.6
Sepsis	4	0.0	12.0	*	0.0	15.9	*	0.0	20.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	11.1	*	11.1	15.2	*	11.1	19.1	*
Carotid Endarterectomy	9	0.0	1.4	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	35	0.0	3.6	*	2.9	6.8	*	8.6	8.9	*
Open Reduction of Hip Fracture	26	7.7	5.2	*	11.5	9.8	*	11.5	13.1	*
Prostatectomy	83	0.0	1.0	1.5	1.2	2.4	2.5	4.8	4.0	2.7
Cholecystectomy	38	0.0	2.7	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy	16	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,733	8.2	8.4	0.7	12.7	12.8	0.8	16.0	16.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	71	33.8	27.6	10.8	36.6	30.7	10.3	38.0	33.9	8.6
Congestive Heart Failure	81	13.6	16.0	5.0	19.8	24.0	8.3	23.5	30.8	9.8
Pneumonia/Influenza	82	17.1	15.8	7.0	23.2	21.5	6.1	26.8	26.1	5.5
Chronic Obstructive Pulmonary Disease	28	0.0	6.7	*	10.7	13.0	*	14.3	18.5	*
Transient Cerebral Ischemia	31	3.2	2.0	*	3.2	4.2	*	3.2	6.7	*
Stroke	68	20.6	21.2	5.3	29.4	27.6	5.6	33.8	32.0	6.1
Hip Fracture	49	8.2	5.4	*	10.2	9.9	*	14.3	13.1	*
Sepsis	10	0.0	24.3	*	0.0	33.2	*	20.0	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	6.1	*	22.2	11.0	*	22.2	14.9	*
Carotid Endarterectomy	13	0.0	1.9	*	0.0	3.9	*	0.0	5.8	*
Hip Replacement/Reconstruction	20	15.0	5.4	*	15.0	10.0	*	15.0	13.1	*
Open Reduction of Hip Fracture	32	6.3	4.1	*	9.4	8.0	*	15.6	10.8	*
Prostatectomy	91	0.0	1.2	1.5	1.1	3.0	2.2	2.2	5.1	3.0
Cholecystectomy	36	11.1	4.2	*	13.9	7.3	*	16.7	9.2	*
Hysterectomy	12	0.0	1.0	*	0.0	2.1	*	8.3	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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BRADLEY MEMORIAL HOSPITAL
FOUNDED 1952

P. O. BOX 3060
CLEVELAND, TENNESSEE 37320-3060
(615) 479-0111

CRAIG D. TAYLOR
Associate Administrator

January 15, 1991

Gail R. Wilensky, Ph.D.
Administrator
Dept. of Health & Human Services
Health Care Financing Administration
6325 Security Boulevard
Baltimore, MD 21207

Dear Dr. Wilensky:

We again want to express our appreciation to you for giving us this opportunity to respond to the mortality report which you will be publishing in the near future.

Since the mortality rates for 1987 & 1988 were evaluated previously and a different methodology was used by you to re-analyze, no further comment will be expressed at this time.

The overall death rate for our Medicare patients for the period chosen for your study is less than 4.4 percent. The majority of these patients fell in the very severe or moderately severe risk category.

Most of the patients that expired following discharge were transferred to other hospitals for specialty procedures not covered by our medical staff or entered into our hospice program. Others were transferred to nursing homes for skilled or custodial care.

Our hospital and medical staff regularly review all deaths and any that fall outside pre-established criteria are reviewed again. This is an ongoing review.

We feel that we are an exceptional hospital and are very proud of our quality health care and medical staff.

Sincerely,

Craig

Craig Taylor
Associate Administrator

CT/jb

BRISTOL REGIONAL MEDICAL CENTER

209 Memorial Dr
Bristol, TN 37620

Medicare Provider Number: 440012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,230	9.8	8.1	0.8	14.2	12.6	0.8	18.7	16.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	109	28.4	26.2	4.5	32.1	28.9	4.9	35.8	32.0	5.3
Congestive Heart Failure	145	11.7	13.5	4.0	21.4	21.1	3.6	30.3	27.4	4.1
Pneumonia/Influenza	139	15.1	16.3	3.2	20.9	22.6	3.8	28.1	27.3	3.8
Chronic Obstructive Pulmonary Disease	47	4.3	3.9	*	10.6	7.4	*	10.6	10.7	*
Transient Cerebral Ischemia	55	0.0	1.6	2.6	0.0	3.4	6.2	7.3	5.4	5.2
Stroke	105	16.2	20.1	7.5	22.9	26.7	8.1	26.7	30.9	6.6
Hip Fracture	72	5.6	6.2	2.9	8.3	11.3	5.0	11.1	14.9	7.0
Sepsis	24	37.5	27.3	*	41.7	36.1	*	41.7	42.0	*
PROCEDURES:										
Angioplasty	7	0.0	1.8	*	0.0	2.3	*	14.3	3.1	*
Coronary Artery Bypass Graft	26	3.8	5.7	*	7.7	7.7	*	7.7	9.0	*
Initial Pacemaker Insertion	29	3.4	2.6	*	3.4	5.0	*	3.4	7.3	*
Carotid Endarterectomy	32	6.3	1.2	*	9.4	2.1	*	9.4	3.2	*
Hip Replacement/Reconstruction	57	7.0	4.3	5.1	8.8	8.2	6.7	14.0	10.8	6.3
Open Reduction of Hip Fracture	17	0.0	5.5	*	0.0	10.7	*	0.0	14.5	*
Prostatectomy	75	1.3	0.6	1.1	1.3	1.6	1.5	2.7	2.8	1.9
Cholecystectomy	59	3.4	2.7	3.5	10.2	4.8	5.8	10.2	6.2	7.6
Hysterectomy	27	0.0	0.5	*	0.0	1.1	*	3.7	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	325
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	130
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	306
Licensed Practical Nurses	66

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

BRISTOL REGIONAL MEDICAL CENTER

Medicare Provider Number: 440012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,122	10.4	8.7	0.7	15.5	13.1	1.0	18.7	16.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	105	36.2	30.6	6.2	41.0	33.9	7.2	44.8	37.9	7.9
Congestive Heart Failure	141	16.3	15.5	3.2	24.1	23.7	3.7	29.1	30.5	4.3
Pneumonia/Influenza	121	19.0	16.1	6.4	27.3	22.0	7.8	32.2	26.6	8.3
Chronic Obstructive Pulmonary Disease	34	14.7	5.2	*	23.5	9.5	*	26.5	13.4	*
Transient Cerebral Ischemia	46	4.3	1.6	*	6.5	3.5	*	6.5	5.5	*
Stroke	107	22.4	21.5	4.2	28.0	28.9	4.8	31.8	33.7	5.1
Hip Fracture	73	13.7	7.3	5.4	19.2	13.6	5.7	19.2	17.6	4.8
Sepsis	11	36.4	27.2	*	45.5	34.5	*	54.5	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	12	8.3	7.4	*	16.7	9.0	*	16.7	9.9	*
Initial Pacemaker Insertion	27	0.0	3.7	*	3.7	6.2	*	7.4	8.7	*
Carotid Endarterectomy	19	5.3	1.2	*	5.3	2.2	*	5.3	3.2	*
Hip Replacement/Reconstruction	51	11.8	4.5	4.9	15.7	9.1	5.5	15.7	12.5	5.8
Open Reduction of Hip Fracture	11	0.0	8.4	*	0.0	15.8	*	0.0	20.4	*
Prostatectomy	57	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	63	6.3	2.4	3.1	9.5	4.4	4.2	9.5	6.1	4.8
Hysterectomy	24	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,012	9.9	8.7	0.7	14.5	13.2	0.8	18.4	16.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	109	33.9	30.8	6.9	36.7	33.8	6.9	39.4	37.4	6.2
Congestive Heart Failure	107	14.0	16.8	4.3	25.2	25.1	5.0	34.6	31.8	7.8
Pneumonia/Influenza	77	22.1	17.6	7.3	29.9	24.0	10.2	33.8	28.9	10.9
Chronic Obstructive Pulmonary Disease	55	9.1	7.2	4.3	16.4	13.0	5.4	18.2	17.8	5.2
Transient Cerebral Ischemia	48	0.0	1.9	*	2.1	4.0	*	2.1	6.3	*
Stroke	128	22.7	20.8	6.9	32.0	28.3	8.3	36.7	32.9	8.1
Hip Fracture	65	1.5	5.7	4.7	6.2	10.9	7.2	9.2	14.5	6.9
Sepsis	6	66.7	29.7	*	83.3	36.3	*	100.0	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	6.1	*	0.0	9.0	*	0.0	11.4	*
Carotid Endarterectomy	33	3.0	1.3	*	6.1	2.6	*	9.1	3.8	*
Hip Replacement/Reconstruction	40	2.5	3.1	*	2.5	5.9	*	5.0	7.9	*
Open Reduction of Hip Fracture	16	0.0	5.6	*	0.0	11.1	*	6.3	14.9	*
Prostatectomy	63	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	64	3.1	2.9	3.4	4.7	4.7	3.3	6.3	6.0	3.2
Hysterectomy	20	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CARTHAGE GENERAL HOSPITAL

P O Box 319 Hwy 70
Carthage, TN 37030

Medicare Provider Number: 440142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	252	4.4	7.5	2.3	7.1	11.8	2.9	10.3	15.6	3.3
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	20.0	*	50.0	26.4	*	50.0	31.2	*
Congestive Heart Failure	22	0.0	12.4	*	4.5	19.7	*	4.5	26.1	*
Pneumonia/Influenza	27	0.0	13.3	*	3.7	18.8	*	3.7	23.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.1	*	0.0	6.6	*	0.0	10.1	*
Transient Cerebral Ischemia	3	0.0	1.1	*	0.0	2.4	*	0.0	3.8	*
Stroke	11	0.0	18.1	*	9.1	24.5	*	18.2	29.3	*
Hip Fracture	0									
Sepsis	3	33.3	12.0	*	33.3	21.0	*	33.3	26.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.3	*	0.0	13.4	*	0.0	20.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	62
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CARTHAGE GENERAL HOSPITAL

Medicare Provider Number: 440142

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	286	9.4	7.5	1.8	11.9	11.5	1.9	12.2	15.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	12	58.3	35.0	*	58.3	40.3	*	58.3	44.9	*
Congestive Heart Failure	9	0.0	14.3	*	11.1	24.0	*	11.1	31.7	*
Pneumonia/Influenza	27	14.8	14.0	*	14.8	19.6	*	14.8	24.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.3	*	0.0	13.4	*	0.0	20.0	*
Transient Cerebral Ischemia	3	33.3	1.6	*	33.3	3.5	*	33.3	5.4	*
Stroke	11	9.1	17.8	*	18.2	24.4	*	18.2	29.1	*
Hip Fracture	1	0.0	6.9	*	0.0	15.3	*	0.0	22.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	288	7.6	7.0	1.7	9.0	11.3	2.7	12.8	15.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	26.9	*	60.0	29.8	*	60.0	33.6	*
Congestive Heart Failure	21	4.8	17.5	*	9.5	27.8	*	14.3	36.1	*
Pneumonia/Influenza	20	20.0	13.0	*	20.0	18.4	*	25.0	23.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	16.9	*	0.0	30.0	*	25.0	39.1	*
Transient Cerebral Ischemia	4	25.0	1.5	*	25.0	3.2	*	25.0	5.0	*
Stroke	9	33.3	20.9	*	33.3	29.0	*	44.4	34.4	*
Hip Fracture	0									
Sepsis	2	50.0	41.5	*	50.0	53.1	*	50.0	59.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.3	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CENTENNIAL MEDICAL CENTER

P.O. Box 1225 230 25th Ave N
Nashville, TN 37202

Medicare Provider Number: 440161

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,459	7.0	8.1	0.7	11.1	12.9	1.0	14.9	16.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	60	20.0	27.5	10.0	23.3	31.0	9.4	28.3	34.5	8.2
Congestive Heart Failure	89	14.6	14.7	4.1	20.2	23.3	5.9	28.1	30.5	5.4
Pneumonia/Influenza	56	8.9	18.3	7.4	19.6	25.7	7.2	28.6	31.4	6.4
Chronic Obstructive Pulmonary Disease	29	3.4	6.3	*	10.3	11.2	*	10.3	15.6	*
Transient Cerebral Ischemia	22	0.0	2.0	*	0.0	4.5	*	0.0	7.1	*
Stroke	59	15.3	18.9	6.0	22.0	26.0	9.3	23.7	30.6	9.0
Hip Fracture	41	7.3	7.1	*	17.1	12.5	*	19.5	16.1	*
Sepsis	3	66.7	27.0	*	66.7	34.5	*	66.7	40.3	*
PROCEDURES:										
Angioplasty	62	1.6	2.2	2.2	8.1	3.0	3.9	8.1	3.9	3.2
Coronary Artery Bypass Graft	108	2.8	5.6	2.7	4.6	7.8	3.5	4.6	9.3	4.1
Initial Pacemaker Insertion	16	6.3	2.3	*	12.5	4.5	*	12.5	6.7	*
Carotid Endarterectomy	26	0.0	1.6	*	3.8	3.0	*	7.7	4.3	*
Hip Replacement/Reconstruction	24	4.2	5.8	*	8.3	10.5	*	8.3	13.9	*
Open Reduction of Hip Fracture	21	4.8	5.8	*	19.0	10.9	*	23.8	14.3	*
Prostatectomy	63	0.0	0.9	1.4	1.6	2.0	2.4	1.6	3.3	3.4
Cholecystectomy	70	7.1	3.5	3.7	10.0	6.5	4.3	11.4	8.5	4.6
Hysterectomy	26	0.0	1.5	*	0.0	2.6	*	0.0	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	630
Occupancy Rate	59
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	583
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CENTENNIAL MEDICAL CENTER

Medicare Provider Number: 440161

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,542	7.7	8.3	0.7	12.5	13.2	0.8	15.9	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	64	25.0	25.8	5.5	26.6	29.3	6.4	29.7	33.0	8.1
Congestive Heart Failure	76	10.5	15.6	6.7	22.4	23.5	5.9	26.3	30.1	6.1
Pneumonia/Influenza	76	13.2	17.7	9.3	19.7	24.9	9.0	26.3	30.4	7.3
Chronic Obstructive Pulmonary Disease	35	5.7	8.4	*	14.3	14.5	*	17.1	19.9	*
Transient Cerebral Ischemia	25	4.0	2.7	*	4.0	5.8	*	4.0	8.6	*
Stroke	55	27.3	20.7	8.6	34.5	27.4	12.3	41.8	32.1	13.4
Hip Fracture	34	2.9	6.2	*	11.8	11.7	*	23.5	15.5	*
Sepsis	18	27.8	32.0	*	38.9	42.0	*	44.4	49.0	*
PROCEDURES:										
Angioplasty	37	5.4	2.1	*	5.4	2.8	*	8.1	3.7	*
Coronary Artery Bypass Graft	121	7.4	6.1	2.8	8.3	8.2	2.8	9.1	9.6	3.0
Initial Pacemaker Insertion	14	0.0	2.0	*	0.0	3.9	*	0.0	5.8	*
Carotid Endarterectomy	32	3.1	1.5	*	3.1	2.8	*	3.1	4.2	*
Hip Replacement/Reconstruction	13	0.0	3.3	*	0.0	6.6	*	7.7	8.9	*
Open Reduction of Hip Fracture	20	5.0	6.0	*	20.0	11.6	*	30.0	15.6	*
Prostatectomy	73	1.4	1.8	1.6	4.1	3.8	2.3	5.5	5.8	2.8
Cholecystectomy	46	6.5	4.5	*	8.7	7.6	*	8.7	9.6	*
Hysterectomy	17	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,399	7.5	7.6	1.0	11.6	12.5	1.1	16.0	16.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	63	28.6	26.3	6.2	28.6	29.7	6.3	31.7	33.3	6.1
Congestive Heart Failure	78	20.5	15.3	5.2	23.1	23.4	4.9	26.9	30.2	5.8
Pneumonia/Influenza	60	10.0	16.2	8.7	15.0	22.2	8.3	18.3	27.2	8.9
Chronic Obstructive Pulmonary Disease	37	10.8	7.6	*	13.5	13.2	*	16.2	17.9	*
Transient Cerebral Ischemia	35	0.0	1.7	*	0.0	3.5	*	0.0	5.3	*
Stroke	66	18.2	21.5	8.4	24.2	28.9	8.9	28.8	33.7	7.9
Hip Fracture	26	3.8	5.7	*	3.8	10.0	*	7.7	12.9	*
Sepsis	5	60.0	26.9	*	60.0	39.9	*	60.0	46.8	*
PROCEDURES:										
Angioplasty	26	15.4	4.6	*	15.4	5.6	*	15.4	6.8	*
Coronary Artery Bypass Graft	75	2.7	6.3	4.4	4.0	8.7	5.1	5.3	10.2	5.2
Initial Pacemaker Insertion	14	0.0	3.2	*	0.0	6.9	*	0.0	10.7	*
Carotid Endarterectomy	26	0.0	1.7	*	0.0	3.1	*	3.8	4.4	*
Hip Replacement/Reconstruction	11	0.0	6.8	*	0.0	11.4	*	9.1	15.1	*
Open Reduction of Hip Fracture	13	7.7	4.4	*	7.7	8.1	*	15.4	10.7	*
Prostatectomy	94	2.1	1.2	1.5	5.3	3.2	2.8	8.5	5.4	4.0
Cholecystectomy	57	0.0	2.8	4.3	5.3	5.6	3.1	5.3	7.8	4.2
Hysterectomy	26	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Centennial Medical Center

Park View
230 25th Avenue N
Nashville, TN 37203
(615) 340-1000

January 9, 1991

Healthcare Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

We here at Centennial Medical Center (Provider # 440161) are gratified that our mortality rates have remained below predicted averages for the past three years. We commend the Healthcare Financing Administration for incorporating rudiments of comorbidity data in its calculations. We encourage the addition of broader categories of comorbidity (COPD for example) in the calculations to better correlate mortality with severity of illness.

This letter also incorporates a response from West Side Hospital (Provider # 440167) which has been subsequently merged into Centennial Medical Center during 1990. Observed mortality rates for the past three years have remained below the predicted range for West Side reflecting a high quality of care.

We await with interest the 1990 data for our combined Centennial Medical Center (Park View and West Side Provider # 440161). Our merged facility will now provide larger total numbers of cases that should allow more precise statistical evaluation.

Thank you for this opportunity to respond. We look forward to your reply.

Sincerely yours,

Robert H. Alford, M.D.

Robert H. Alford, M.D.
Medical Director

William W. Arnold
Chief Executive Officer

Park View • Parthenon Pavilion • West Side
Where quality health care comes together.

CHEATHAM MEDICAL CENTER

115 Ruth Dr
Ashland City, TN 37015

Medicare Provider Number: 440205

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	183	7.7	9.9	3.4	12.0	15.0	4.3	15.3	19.2	3.9
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	57.5	*	100.0	66.9	*	100.0	72.6	*
Congestive Heart Failure	8	25.0	14.8	*	37.5	23.3	*	37.5	30.7	*
Pneumonia/Influenza	27	7.4	13.1	*	11.1	18.3	*	18.5	22.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.7	*	0.0	11.7	*	0.0	16.3	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	12	16.7	17.8	*	25.0	24.5	*	33.3	29.4	*
Hip Fracture	1	0.0	4.9	*	0.0	9.2	*	0.0	12.3	*
Sepsis	2	0.0	35.2	*	50.0	43.5	*	50.0	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	29
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	4
Registered Nurses	17
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

** Not used in calculating hospital mortality rates.

CHEATHAM MEDICAL CENTER

Medicare Provider Number: 440205

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	213	9.4	8.2	2.1	13.1	12.3	2.3	14.6	15.7	2.9
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	25.3	*	25.0	27.6	*	25.0	30.2	*
Congestive Heart Failure	29	17.2	13.8	*	24.1	21.4	*	27.6	27.8	*
Pneumonia/Influenza	14	28.6	16.4	*	42.9	22.1	*	42.9	26.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.9	*	0.0	18.2	*	0.0	23.6	*
Transient Cerebral Ischemia	5	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	7	42.9	24.9	*	42.9	31.7	*	42.9	36.5	*
Hip Fracture	0									
Sepsis	2	0.0	17.0	*	0.0	22.3	*	0.0	27.3	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	7	0.0	20.1	*	14.3	26.7	*	14.3	30.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	34.7	*	100.0	47.9	*	100.0	55.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CITY OF MILAN HOSPITAL

710 S Liberty Box 719
Milan, TN 38358

Medicare Provider Number: 440060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	523	11.5	9.7	2.2	16.4	14.6	2.8	21.0	18.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	26.8	*	47.1	30.2	*	47.1	33.8	*
Congestive Heart Failure	30	30.0	17.3	*	43.3	26.2	*	43.3	33.6	*
Pneumonia/Influenza	33	15.2	14.0	*	18.2	19.7	*	18.2	24.4	*
Chronic Obstructive Pulmonary Disease	21	4.8	5.2	*	9.5	10.0	*	19.0	14.4	*
Transient Cerebral Ischemia	18	0.0	1.3	*	0.0	2.9	*	5.6	4.7	*
Stroke	29	24.1	21.0	*	24.1	27.0	*	37.9	31.7	*
Hip Fracture	0									
Sepsis	8	25.0	31.3	*	62.5	41.6	*	62.5	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.7	*	0.0	7.4	*	0.0	11.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	3.4	*	0.0	6.8	*	0.0	9.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	72
Occupancy Rate	32
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CITY OF MILAN HOSPITAL

Medicare Provider Number: 440060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	446	13.0	9.1	1.8	17.0	13.4	2.0	18.4	16.8	1.9
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	21.4	*	33.3	23.9	*	33.3	26.9	*
Congestive Heart Failure	32	34.4	15.1	*	43.8	23.2	*	43.8	29.9	*
Pneumonia/Influenza	29	10.3	18.7	*	17.2	25.3	*	17.2	30.1	*
Chronic Obstructive Pulmonary Disease	12	0.0	4.1	*	0.0	8.0	*	8.3	11.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.3	*	0.0	6.8	*
Stroke	27	33.3	20.0	*	40.7	26.4	*	40.7	31.0	*
Hip Fracture	0									
Sepsis	5	60.0	34.2	*	60.0	44.6	*	60.0	51.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	0.0	2.2	*	0.0	4.5	*	0.0	6.5	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	412	13.8	10.1	2.2	19.9	14.9	2.3	21.6	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	19	57.9	34.6	*	63.2	38.0	*	68.4	41.7	*
Congestive Heart Failure	20	25.0	16.0	*	35.0	24.0	*	35.0	31.0	*
Pneumonia/Influenza	31	22.6	13.3	*	22.6	18.8	*	25.8	23.2	*
Chronic Obstructive Pulmonary Disease	11	9.1	5.7	*	18.2	10.2	*	18.2	14.1	*
Transient Cerebral Ischemia	13	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	21	14.3	21.1	*	42.9	28.2	*	47.6	33.4	*
Hip Fracture	0									
Sepsis	7	14.3	19.9	*	28.6	27.1	*	42.9	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.8	*	0.0	4.8	*	0.0	6.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	2.9	*	0.0	4.8	*	0.0	5.9	*
Hysterectomy	2	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CLAIBORNE COUNTY HOSPITAL

1000 Old Knoxville Rd
Tazewell, TN 37879

Medicare Provider Number: 440057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	884	7.9	8.4	1.3	11.5	12.7	1.8	14.8	16.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	28.3	*	33.3	31.9	*	37.5	35.8	*
Congestive Heart Failure	42	19.0	16.3	*	28.6	25.7	*	28.6	33.2	*
Pneumonia/Influenza	52	15.4	16.6	5.3	25.0	22.6	7.4	28.8	27.3	8.3
Chronic Obstructive Pulmonary Disease	20	10.0	7.7	*	10.0	14.5	*	10.0	20.2	*
Transient Cerebral Ischemia	14	0.0	2.2	*	7.1	4.9	*	7.1	7.9	*
Stroke	39	17.9	19.2	*	20.5	25.9	*	30.8	30.5	*
Hip Fracture	11	0.0	5.1	*	0.0	9.4	*	9.1	12.6	*
Sepsis	9	11.1	35.5	*	11.1	43.2	*	22.2	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	4.5	*	0.0	8.7	*	14.3	11.7	*
Open Reduction of Hip Fracture	5	0.0	4.6	*	0.0	8.7	*	0.0	11.6	*
Prostatectomy	17	0.0	0.9	*	5.9	2.1	*	5.9	3.5	*
Cholecystectomy	20	0.0	1.6	*	0.0	3.1	*	0.0	4.3	*
Hysterectomy	8	12.5	0.3	*	12.5	0.7	*	12.5	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	124
Occupancy Rate	75
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLAIBORNE COUNTY HOSPITAL

Medicare Provider Number: 440057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	891	8.9	8.8	1.1	12.5	13.5	1.4	16.4	17.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	29.5	*	29.4	33.1	*	29.4	37.0	*
Congestive Heart Failure	50	22.0	13.7	*	26.0	21.7	*	30.0	28.4	*
Pneumonia/Influenza	81	13.6	17.4	5.3	16.0	24.0	7.3	24.7	29.1	6.1
Chronic Obstructive Pulmonary Disease	18	5.6	8.9	*	11.1	15.5	*	16.7	20.5	*
Transient Cerebral Ischemia	28	0.0	1.8	*	3.6	4.0	*	3.6	6.3	*
Stroke	21	33.3	23.4	*	47.6	31.4	*	47.6	36.7	*
Hip Fracture	3	0.0	5.6	*	66.7	11.1	*	100.0	14.9	*
Sepsis	12	25.0	34.6	*	25.0	41.2	*	33.3	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.6	*	100.0	9.3	*	100.0	12.9	*
Prostatectomy	13	0.0	1.0	*	0.0	2.5	*	7.7	4.2	*
Cholecystectomy	8	12.5	3.7	*	12.5	6.4	*	12.5	8.4	*
Hysterectomy	3	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	821	9.7	9.2	1.3	15.0	13.7	1.6	18.3	17.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	26.7	*	27.8	30.3	*	38.9	34.1	*
Congestive Heart Failure	46	4.3	15.9	*	13.0	24.9	*	23.9	32.4	*
Pneumonia/Influenza	59	23.7	18.6	7.8	30.5	25.9	7.4	33.9	31.4	6.4
Chronic Obstructive Pulmonary Disease	23	4.3	8.5	*	8.7	13.9	*	13.0	18.7	*
Transient Cerebral Ischemia	25	8.0	1.9	*	8.0	4.1	*	16.0	6.5	*
Stroke	50	26.0	22.3	*	34.0	29.5	*	36.0	34.6	*
Hip Fracture	8	12.5	5.2	*	25.0	10.3	*	25.0	14.3	*
Sepsis	5	60.0	35.5	*	60.0	44.7	*	60.0	52.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	7	0.0	4.5	*	14.3	9.1	*	14.3	12.8	*
Prostatectomy	8	0.0	1.2	*	25.0	2.9	*	25.0	4.9	*
Cholecystectomy	18	0.0	1.6	*	0.0	2.9	*	0.0	4.0	*
Hysterectomy	3	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CLARKSVILLE MEMORIAL HOSPITAL

1771 Madison St
Clarksville, TN 37040

Medicare Provider Number: 440035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,679	9.2	9.4	1.0	14.1	14.1	0.9	18.0	17.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	55	21.8	30.3	9.0	25.5	33.7	8.1	34.5	37.3	7.2
Congestive Heart Failure	72	15.3	16.7	4.6	29.2	25.3	6.3	34.7	32.3	8.5
Pneumonia/Influenza	88	20.5	16.4	7.1	23.9	22.6	6.0	26.1	27.3	5.2
Chronic Obstructive Pulmonary Disease	29	3.4	5.9	*	10.3	10.5	*	13.8	14.8	*
Transient Cerebral Ischemia	26	3.8	2.0	*	3.8	4.6	*	3.8	7.4	*
Stroke	97	15.5	18.9	5.9	21.6	25.4	5.6	24.7	29.6	6.9
Hip Fracture	50	6.0	6.8	*	12.0	12.4	*	14.0	16.2	*
Sepsis	23	17.4	24.5	*	21.7	33.2	*	30.4	39.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.8	*	0.0	3.3	*	0.0	4.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	26	3.8	5.5	*	11.5	10.4	*	11.5	13.7	*
Open Reduction of Hip Fracture	26	3.8	5.3	*	7.7	10.2	*	11.5	13.6	*
Prostatectomy	93	1.1	1.0	2.2	4.3	2.5	2.2	6.5	4.3	2.6
Cholecystectomy	35	2.9	1.8	*	5.7	3.4	*	14.3	4.9	*
Hysterectomy	15	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	212
Occupancy Rate	59
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	73
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	173
Licensed Practical Nurses	153

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLARKSVILLE MEMORIAL HOSPITAL

Medicare Provider Number: 440035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,825	10.3	9.5	1.1	15.4	14.5	1.3	18.5	18.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	51	29.4	31.0	8.1	35.3	34.4	6.9	41.2	38.1	7.6
Congestive Heart Failure	81	18.5	15.6	5.7	21.0	23.3	5.5	27.2	29.9	5.6
Pneumonia/Influenza	94	30.9	19.3	6.9	35.1	26.1	6.9	38.3	31.1	6.4
Chronic Obstructive Pulmonary Disease	22	0.0	6.4	*	9.1	12.3	*	18.2	17.1	*
Transient Cerebral Ischemia	30	3.3	1.8	*	3.3	4.0	*	6.7	6.5	*
Stroke	79	12.7	19.4	5.9	20.3	26.4	9.0	21.5	31.0	7.3
Hip Fracture	62	8.1	7.0	3.4	14.5	12.6	4.8	17.7	16.2	5.4
Sepsis	22	18.2	22.5	*	27.3	29.5	*	27.3	35.2	*
PROCEDURES:										
Angioplasty	1	0.0	1.1	*	0.0	2.7	*	0.0	4.1	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.7	*	0.0	4.6	*	0.0	6.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	4.0	4.3	*	8.0	7.7	*	8.0	9.8	*
Open Reduction of Hip Fracture	43	4.7	5.8	*	11.6	11.1	*	16.3	14.7	*
Prostatectomy	91	2.2	1.0	1.6	3.3	2.3	2.3	6.6	3.8	2.8
Cholecystectomy	56	7.1	3.0	4.2	7.1	5.4	4.0	8.9	7.1	4.8
Hysterectomy	15	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,694	9.7	8.2	0.9	14.2	12.5	1.2	18.2	15.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	55	38.2	29.5	12.6	41.8	32.8	12.5	43.6	36.4	11.0
Congestive Heart Failure	79	20.3	18.3	5.1	29.1	26.9	6.1	35.4	33.8	6.2
Pneumonia/Influenza	67	14.9	20.2	6.9	23.9	27.9	5.9	31.3	33.5	6.0
Chronic Obstructive Pulmonary Disease	26	7.7	6.6	*	15.4	11.7	*	15.4	15.9	*
Transient Cerebral Ischemia	32	3.1	1.9	*	3.1	4.2	*	3.1	6.6	*
Stroke	88	18.2	19.9	4.5	28.4	27.5	6.0	36.4	32.1	7.1
Hip Fracture	48	8.3	6.1	*	12.5	11.0	*	16.7	14.3	*
Sepsis	20	25.0	20.7	*	30.0	29.0	*	30.0	35.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	10.0	*	40.0	18.7	*	40.0	25.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	10.0	5.2	*	10.0	9.5	*	20.0	12.4	*
Open Reduction of Hip Fracture	33	6.1	5.0	*	12.1	9.5	*	12.1	12.7	*
Prostatectomy	83	6.0	0.8	2.4	7.2	1.9	2.5	8.4	3.2	3.3
Cholecystectomy	42	2.4	2.3	*	2.4	4.1	*	2.4	5.2	*
Hysterectomy	11	0.0	0.4	*	9.1	0.9	*	9.1	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Clarksville Memorial Hospital
Clarksville, Tennessee 37040
(615) 552-6622

January 17, 1991

#440035

Clarksville Memorial Hospital Comments on HCFA Mortality Data Release

Clarksville Memorial Hospital is the only hospital in Montgomery County, a county of 96,845 people. The hospital serves an area of about 125,000. It is a referral hospital for several outlying counties having limited access to medical care. Some of these counties have socio-economic problems such as a high unemployment rate. These factors often cause people to delay seeking medical care.

Our hospital treats many chronic conditions, among those renal and pulmonary disease. These seriously ill patients are served in our county due to the availability of dialysis centers to treat chronic kidney disease and a pulmonary specialist who treats illnesses such as chronic lung disease.

We also have a hospital based Home Health and Hospice program and an oncologist which means we keep and treat many of the community's cancer patients until their death rather than transferring them to a referral center. During the latter part of their life, these patients often have to be hospitalized and sometimes die shortly after they are discharged from our hospital. In addition, we accept transfers back from metropolitan hospitals of terminally ill patients to our Hospice Progam who want to be near home and their family until their death. In July 1990, Clarksville Memorial Hospital opened a comprehensive state of the art cancer treatment center which will enable many more such patients to remain in the community for their treatment and hospital care.

Because we have a large, fully staffed Emergency Room, we receive and admit patients with all types of injuries and illnesses - some of which are unfortunately fatal.

In our county, there are several nursing homes but few beds available for patients requiring a "skilled" level of care; therefore, these patients often remain in our hospital longer and may die here or are often transferred back here from a nursing home when close to death.

Our hospital is committed to the high quality care mandated by our hospital-wide Quality Assurance Program. A vital part of our quality assurance process is the review of each in-patient death using pre-established clinical criteria. Any questionable situation is promptly referred to the Medical Staff for physician review. Any indication of a quality problem triggers an in-depth study to determine if a problem actually exists. If a problem is found, prompt action is taken to correct the problem and follow-up is done to assure the problem does not recur.

In Clarksville Memorial Hospital's 1989 data, it was felt that special study should be given to the specific cholecystectomy charts reflected in the data. Each of the five cases which died was carefully reviewed. This review revealed that only one of these patients died in the hospital.

CLAY COUNTY HOSPITAL

McArthur St
Celina, TN 38551

Medicare Provider Number: 440141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	253	6.7	6.6	1.8	8.3	11.3	2.4	9.9	15.1	3.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	23.3	*	50.0	25.2	*	50.0	27.6	*
Congestive Heart Failure	5	0.0	13.0	*	0.0	22.4	*	0.0	29.7	*
Pneumonia/Influenza	18	27.8	20.0	*	38.9	28.7	*	50.0	34.8	*
Chronic Obstructive Pulmonary Disease	13	0.0	5.0	*	7.7	10.3	*	7.7	15.1	*
Transient Cerebral Ischemia	12	0.0	2.0	*	0.0	4.6	*	8.3	7.6	*
Stroke	5	20.0	19.2	*	20.0	27.3	*	20.0	32.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	36
Occupancy Rate	50
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLAY COUNTY HOSPITAL

Medicare Provider Number: 440141

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	336	4.8	6.3	2.0	9.5	10.2	2.8	11.3	13.3	3.0
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	30.5	*	0.0	34.7	*	25.0	39.7	*
Congestive Heart Failure	9	0.0	14.2	*	11.1	24.0	*	11.1	32.1	*
Pneumonia/Influenza	31	9.7	11.4	*	16.1	16.5	*	16.1	20.6	*
Chronic Obstructive Pulmonary Disease	11	0.0	2.9	*	0.0	5.5	*	0.0	7.8	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	3	33.3	22.3	*	33.3	29.6	*	33.3	35.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.9	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	262	3.8	6.6	1.9	5.7	10.2	2.6	8.4	13.0	2.9
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	35.1	*	0.0	37.7	*	33.3	41.3	*
Congestive Heart Failure	5	0.0	13.5	*	0.0	21.6	*	0.0	28.3	*
Pneumonia/Influenza	19	5.3	14.4	*	10.5	19.0	*	10.5	22.7	*
Chronic Obstructive Pulmonary Disease	7	0.0	10.0	*	0.0	18.1	*	42.9	23.9	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke	6	16.7	20.2	*	33.3	28.7	*	33.3	33.6	*
Hip Fracture	2	0.0	2.7	*	0.0	5.1	*	0.0	6.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	1	0.0	0.9	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CLEVELAND COMMUNITY HOSPITAL

2800 West Side Dr NW
Cleveland, TN 37311

Medicare Provider Number: 440185

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	474	9.5	7.6	1.5	15.2	11.9	2.4	18.1	15.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	24.3	*	45.5	26.6	*	45.5	29.6	*
Congestive Heart Failure	30	23.3	16.9	*	33.3	26.3	*	43.3	33.8	*
Pneumonia/Influenza	21	0.0	12.9	*	4.8	18.0	*	14.3	22.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	6.1	*	10.0	11.9	*	10.0	17.1	*
Transient Cerebral Ischemia	8	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	16	18.8	19.2	*	43.8	25.6	*	43.8	30.0	*
Hip Fracture	6	0.0	7.2	*	16.7	12.3	*	16.7	15.5	*
Sepsis	3	0.0	24.5	*	33.3	29.8	*	66.7	34.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	6.1	*	0.0	8.7	*	0.0	10.7	*
Carotid Endarterectomy	2	0.0	2.1	*	0.0	3.8	*	0.0	5.6	*
Hip Replacement/Reconstruction	2	0.0	7.6	*	0.0	12.8	*	0.0	15.5	*
Open Reduction of Hip Fracture	5	0.0	4.8	*	20.0	8.8	*	20.0	11.6	*
Prostatectomy	24	0.0	0.8	*	4.2	2.0	*	4.2	3.3	*
Cholecystectomy	7	0.0	1.6	*	0.0	2.3	*	0.0	2.8	*
Hysterectomy	2	50.0	2.9	*	50.0	8.1	*	50.0	14.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	100
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

CLEVELAND COMMUNITY HOSPITAL

Medicare Provider Number: 440185

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	447	11.4	9.5	2.2	15.7	14.0	2.1	18.6	17.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	21	47.6	26.5	*	47.6	29.3	*	52.4	32.4	*
Congestive Heart Failure	40	22.5	14.5	*	25.0	22.1	*	27.5	28.4	*
Pneumonia/Influenza	20	25.0	18.2	*	35.0	24.6	*	40.0	29.4	*
Chronic Obstructive Pulmonary Disease	14	0.0	5.0	*	0.0	8.9	*	0.0	12.4	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Stroke	8	12.5	24.5	*	12.5	30.0	*	12.5	34.7	*
Hip Fracture	8	0.0	5.7	*	12.5	10.3	*	12.5	13.4	*
Sepsis	5	20.0	19.8	*	20.0	27.9	*	40.0	33.6	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*
Carotid Endarterectomy	5	0.0	1.4	*	20.0	2.7	*	20.0	3.9	*
Hip Replacement/Reconstruction	4	0.0	4.0	*	25.0	7.6	*	25.0	9.9	*
Open Reduction of Hip Fracture	4	0.0	5.2	*	0.0	9.8	*	0.0	13.0	*
Prostatectomy	25	0.0	0.9	*	0.0	2.1	*	4.0	3.4	*
Cholecystectomy	8	0.0	1.9	*	0.0	3.3	*	0.0	4.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	411	8.5	8.2	1.4	12.4	12.2	1.8	15.1	15.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	14	50.0	36.0	*	50.0	39.2	*	50.0	42.8	*
Congestive Heart Failure	20	15.0	15.0	*	30.0	22.6	*	40.0	29.3	*
Pneumonia/Influenza	25	12.0	14.1	*	20.0	19.2	*	24.0	23.5	*
Chronic Obstructive Pulmonary Disease	19	15.8	3.9	*	15.8	7.4	*	21.1	10.6	*
Transient Cerebral Ischemia	9	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	9	33.3	27.5	*	33.3	32.9	*	44.4	37.3	*
Hip Fracture	5	0.0	7.0	*	0.0	13.7	*	0.0	18.6	*
Sepsis	2	50.0	54.6	*	50.0	60.6	*	50.0	64.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	9.0	*	0.0	17.4	*	0.0	24.2	*
Carotid Endarterectomy	2	0.0	2.3	*	0.0	4.3	*	0.0	6.1	*
Hip Replacement/Reconstruction	3	0.0	2.8	*	0.0	4.9	*	0.0	6.4	*
Open Reduction of Hip Fracture	4	0.0	6.1	*	0.0	13.0	*	0.0	18.3	*
Prostatectomy	25	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	3	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COCKE COUNTY BAPTIST HOSPITAL INC

702-710 2nd St
Newport, TN 37821

Medicare Provider Number: 440153

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	635	7.4	7.8	1.1	12.1	12.1	1.3	15.9	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	23.1	*	26.7	27.4	*	33.3	31.6	*
Congestive Heart Failure	42	9.5	13.4	*	16.7	21.0	*	19.0	27.6	*
Pneumonia/Influenza	49	14.3	14.7	*	18.4	20.4	*	26.5	25.0	*
Chronic Obstructive Pulmonary Disease	20	5.0	7.8	*	20.0	14.2	*	20.0	19.9	*
Transient Cerebral Ischemia	26	3.8	2.0	*	7.7	4.5	*	11.5	7.3	*
Stroke	28	28.6	18.6	*	39.3	25.6	*	42.9	30.2	*
Hip Fracture	9	0.0	8.0	*	0.0	13.1	*	0.0	16.5	*
Sepsis	6	0.0	31.5	*	0.0	38.4	*	0.0	45.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.0	*	0.0	10.2	*	0.0	12.7	*
Open Reduction of Hip Fracture	2	0.0	6.0	*	0.0	9.4	*	0.0	11.8	*
Prostatectomy	0									
Cholecystectomy	10	0.0	2.5	*	0.0	4.3	*	0.0	5.5	*
Hysterectomy	1	0.0	3.4	*	0.0	5.9	*	0.0	8.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	85
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COCKE COUNTY BAPTIST HOSPITAL INC

Medicare Provider Number: 440153

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	610	9.8	9.0	1.5	14.6	13.5	1.6	18.5	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	26.9	*	31.6	31.3	*	31.6	35.5	*
Congestive Heart Failure	50	10.0	13.5	*	18.0	21.0	*	26.0	27.2	*
Pneumonia/Influenza	43	20.9	16.7	*	23.3	22.8	*	27.9	27.4	*
Chronic Obstructive Pulmonary Disease	14	0.0	5.8	*	0.0	10.4	*	7.1	14.5	*
Transient Cerebral Ischemia	15	0.0	2.1	*	13.3	4.8	*	13.3	7.6	*
Stroke	31	16.1	23.8	*	25.8	32.0	*	29.0	37.1	*
Hip Fracture	0									
Sepsis	8	12.5	23.5	*	25.0	28.4	*	25.0	33.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	1.7	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy	1	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	615	9.6	9.0	1.3	13.7	13.4	1.4	16.6	16.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	39	20.5	26.5	*	23.1	30.4	*	28.2	34.2	*
Congestive Heart Failure	32	12.5	15.9	*	31.3	24.1	*	34.4	30.8	*
Pneumonia/Influenza	29	27.6	15.1	*	27.6	20.7	*	31.0	25.3	*
Chronic Obstructive Pulmonary Disease	20	10.0	11.4	*	15.0	19.7	*	15.0	25.8	*
Transient Cerebral Ischemia	10	0.0	2.3	*	0.0	5.3	*	0.0	8.5	*
Stroke	28	25.0	20.5	*	28.6	27.6	*	32.1	32.5	*
Hip Fracture	1	0.0	3.9	*	0.0	6.7	*	0.0	8.9	*
Sepsis	7	14.3	30.1	*	14.3	37.3	*	14.3	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	2	0.0	0.7	*	0.0	1.1	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COFFEE MEDICAL CENTER

1001 McArthur Dr
Manchester, TN 37355

Medicare Provider Number: 440007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	280	5.7	9.3	2.4	10.4	13.8	3.3	12.5	17.7	3.4
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	22.3	*	55.6	26.2	*	55.6	30.1	*
Congestive Heart Failure	25	4.0	13.7	*	12.0	21.7	*	16.0	28.5	*
Pneumonia/Influenza	37	8.1	16.0	*	10.8	22.0	*	10.8	26.8	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.0	*	0.0	12.1	*	0.0	16.0	*
Transient Cerebral Ischemia	6	0.0	2.5	*	0.0	5.6	*	0.0	9.1	*
Stroke	13	7.7	19.9	*	15.4	27.9	*	30.8	33.0	*
Hip Fracture	4	25.0	6.4	*	50.0	12.0	*	50.0	16.1	*
Sepsis	1	100.0	56.0	*	100.0	61.8	*	100.0	68.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.9	*	33.3	11.5	*	33.3	15.5	*
Open Reduction of Hip Fracture	1	100.0	5.8	*	100.0	11.6	*	100.0	15.7	*
Prostatectomy	4	0.0	0.8	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	2	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	2	0.0	0.7	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	112
Occupancy Rate	68
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COFFEE MEDICAL CENTER

Medicare Provider Number: 440007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	299	6.0	8.0	1.9	9.0	12.1	2.2	10.7	15.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.0	*	33.3	31.2	*	33.3	34.7	*
Congestive Heart Failure	18	11.1	13.5	*	22.2	21.3	*	27.8	27.9	*
Pneumonia/Influenza	22	13.6	15.1	*	22.7	20.7	*	22.7	25.2	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.5	*	0.0	12.0	*	0.0	17.2	*
Transient Cerebral Ischemia	8	12.5	1.8	*	12.5	4.0	*	12.5	6.3	*
Stroke	17	5.9	18.1	*	5.9	25.0	*	5.9	29.4	*
Hip Fracture	6	0.0	5.1	*	0.0	9.6	*	16.7	12.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.7	*	0.0	11.3	*	33.3	15.7	*
Open Reduction of Hip Fracture	3	0.0	2.8	*	0.0	5.5	*	0.0	7.7	*
Prostatectomy	3	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	4	0.0	1.2	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	306	9.8	9.4	1.7	12.4	14.1	2.1	13.7	17.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	10	70.0	35.8	*	70.0	41.0	*	70.0	45.0	*
Congestive Heart Failure	13	7.7	16.1	*	7.7	24.0	*	15.4	30.7	*
Pneumonia/Influenza	18	11.1	20.7	*	16.7	27.8	*	22.2	33.2	*
Chronic Obstructive Pulmonary Disease	14	7.1	10.0	*	7.1	17.2	*	7.1	22.3	*
Transient Cerebral Ischemia	8	12.5	1.7	*	12.5	3.9	*	12.5	6.2	*
Stroke	16	18.8	22.0	*	25.0	29.8	*	25.0	34.9	*
Hip Fracture	6	33.3	9.6	*	33.3	16.4	*	33.3	20.3	*
Sepsis	1	0.0	5.9	*	0.0	9.0	*	0.0	12.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	66.7	10.8	*	66.7	18.7	*	66.7	23.2	*
Open Reduction of Hip Fracture	2	0.0	8.1	*	0.0	14.7	*	0.0	18.6	*
Prostatectomy	3	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	6	0.0	1.9	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COOKVILLE GENERAL HOSPITAL

142 W 5th St
Cookeville, TN 38501

Medicare Provider Number: 440059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,527	7.0	7.6	0.9	11.1	11.7	0.9	14.7	15.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	24	50.0	30.8	*	58.3	33.9	*	58.3	37.4	*
Congestive Heart Failure	63	15.9	14.4	4.5	22.2	22.3	5.3	30.2	28.9	5.8
Pneumonia/Influenza	65	15.4	16.3	4.8	20.0	22.1	5.8	24.6	26.7	5.9
Chronic Obstructive Pulmonary Disease	31	3.2	5.1	*	3.2	9.4	*	9.7	13.1	*
Transient Cerebral Ischemia	27	3.7	2.0	*	11.1	4.4	*	22.2	7.1	*
Stroke	55	16.4	20.5	7.0	25.5	26.8	6.2	32.7	31.2	7.3
Hip Fracture	100	2.0	6.2	3.0	2.0	11.1	4.9	7.0	14.5	4.8
Sepsis	23	17.4	26.0	*	17.4	35.3	*	26.1	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	59	3.4	4.9	3.0	3.4	9.2	4.5	5.1	12.2	5.1
Open Reduction of Hip Fracture	22	0.0	5.0	*	0.0	9.5	*	18.2	12.7	*
Prostatectomy	143	1.4	0.9	1.1	4.2	2.2	2.2	5.6	3.8	3.1
Cholecystectomy	31	0.0	2.0	*	0.0	3.2	*	0.0	3.9	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	169
Occupancy Rate	53
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	56
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	74
Licensed Practical Nurses	93

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COOKVILLE GENERAL HOSPITAL

Medicare Provider Number: 440059

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,518	9.4	8.0	1.2	13.4	12.5	1.2	16.4	16.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	21	47.6	32.5	*	57.1	36.4	*	61.9	40.8	*
Congestive Heart Failure	71	25.4	15.8	8.0	32.4	24.1	9.1	39.4	30.9	8.3
Pneumonia/Influenza	110	17.3	18.4	4.5	21.8	25.0	4.7	30.9	29.7	4.5
Chronic Obstructive Pulmonary Disease	25	8.0	6.6	*	12.0	12.9	*	16.0	18.1	*
Transient Cerebral Ischemia	26	7.7	2.3	*	7.7	5.0	*	7.7	8.0	*
Stroke	60	21.7	21.3	6.0	35.0	28.7	8.8	36.7	33.5	7.2
Hip Fracture	82	3.7	6.3	3.2	4.9	11.3	4.7	4.9	14.6	6.2
Sepsis	5	0.0	23.9	*	20.0	35.8	*	20.0	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	57	3.5	4.4	3.8	3.5	8.4	5.1	3.5	11.0	6.1
Open Reduction of Hip Fracture	29	0.0	4.4	*	0.0	8.4	*	0.0	11.1	*
Prostatectomy	150	0.7	0.9	1.0	2.7	2.3	1.3	4.0	3.9	1.6
Cholecystectomy	34	2.9	1.5	*	2.9	2.6	*	2.9	3.3	*
Hysterectomy	8	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,523	8.6	8.2	0.9	13.7	12.6	1.0	16.0	16.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	26	38.5	32.8	*	42.3	36.7	*	42.3	40.7	*
Congestive Heart Failure	70	28.6	18.2	7.7	42.9	27.3	8.1	44.3	34.7	7.0
Pneumonia/Influenza	76	14.5	17.8	5.1	26.3	24.4	5.3	28.9	29.6	5.3
Chronic Obstructive Pulmonary Disease	28	0.0	4.1	*	14.3	8.6	*	25.0	12.8	*
Transient Cerebral Ischemia	36	2.8	2.0	*	5.6	4.3	*	5.6	6.8	*
Stroke	71	23.9	20.0	9.0	32.4	27.0	8.5	36.6	31.5	10.9
Hip Fracture	98	5.1	6.6	3.1	11.2	11.7	3.3	11.2	15.2	5.0
Sepsis	13	30.8	25.3	*	38.5	35.0	*	46.2	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.8	*	0.0	11.8	*	0.0	15.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	72	6.9	6.0	4.4	15.3	10.7	6.3	15.3	14.0	7.2
Open Reduction of Hip Fracture	26	3.8	5.5	*	3.8	10.4	*	3.8	13.7	*
Prostatectomy	103	0.0	1.0	1.8	2.9	2.6	2.0	5.8	4.3	2.6
Cholecystectomy	34	0.0	2.5	*	2.9	3.7	*	2.9	4.6	*
Hysterectomy	7	0.0	0.5	*	0.0	1.1	*	14.3	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

COPPER BASIN MEDICAL CENTER

Hwy 68 Box X
Copperhill, TN 37317

Medicare Provider Number: 440041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	248	7.3	7.0	2.3	9.7	10.9	2.5	12.5	14.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	26.2	*	42.9	32.3	*	42.9	36.5	*
Congestive Heart Failure	6	33.3	15.0	*	50.0	22.1	*	50.0	28.6	*
Pneumonia/Influenza	10	0.0	15.4	*	0.0	21.1	*	10.0	25.5	*
Chronic Obstructive Pulmonary Disease	9	0.0	3.5	*	0.0	7.2	*	0.0	11.0	*
Transient Cerebral Ischemia	2	0.0	2.5	*	0.0	5.2	*	0.0	8.1	*
Stroke	5	0.0	23.0	*	0.0	32.5	*	0.0	37.8	*
Hip Fracture	1	0.0	10.8	*	0.0	18.9	*	0.0	23.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COPPER BASIN MEDICAL CENTER

Medicare Provider Number: 440041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	251	6.8	8.8	2.5	8.8	13.2	2.7	11.2	17.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	25.4	*	14.3	28.3	*	28.6	31.8	*
Congestive Heart Failure	11	18.2	19.2	*	18.2	26.1	*	18.2	31.6	*
Pneumonia/Influenza	6	0.0	20.3	*	0.0	26.3	*	0.0	31.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	3.9	*	0.0	8.0	*	0.0	11.6	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.1	*	0.0	4.7	*
Stroke	6	16.7	28.8	*	16.7	38.5	*	33.3	44.1	*
Hip Fracture	1	0.0	4.4	*	0.0	7.8	*	0.0	10.2	*
Sepsis	1	0.0	14.9	*	0.0	22.6	*	0.0	30.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.8	*	0.0	7.1	*	0.0	9.5	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	252	5.2	9.7	2.3	9.1	15.1	3.0	11.9	19.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	39.3	*	50.0	43.7	*	50.0	47.7	*
Congestive Heart Failure	10	10.0	15.0	*	20.0	22.2	*	30.0	28.8	*
Pneumonia/Influenza	14	0.0	16.5	*	7.1	22.6	*	7.1	27.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.5	*	0.0	11.2	*	25.0	14.5	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.4	*	0.0	6.9	*
Stroke	7	42.9	28.4	*	57.1	41.9	*	57.1	49.1	*
Hip Fracture	1	0.0	3.1	*	0.0	5.8	*	0.0	7.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

CROCKETT GENERAL HOSPITAL

Hwy 43 S Box 726
Lawrenceburg, TN 38464

Medicare Provider Number: 440175

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	879	11.3	8.5	1.2	14.6	12.9	1.2	18.2	16.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	36.1	25.0	*	38.9	27.7	*	38.9	30.8	*
Congestive Heart Failure	71	25.4	15.7	6.0	29.6	24.6	5.6	35.2	31.7	5.7
Pneumonia/Influenza	41	19.5	16.2	*	22.0	22.6	*	22.0	27.6	*
Chronic Obstructive Pulmonary Disease	17	23.5	6.5	*	23.5	14.1	*	29.4	21.4	*
Transient Cerebral Ischemia	21	0.0	1.6	*	0.0	3.4	*	0.0	5.5	*
Stroke	36	16.7	19.9	*	22.2	26.1	*	27.8	30.5	*
Hip Fracture	20	5.0	5.6	*	15.0	10.0	*	25.0	13.1	*
Sepsis	5	60.0	32.6	*	60.0	43.6	*	60.0	51.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	4.5	*	12.5	8.5	*	25.0	11.4	*
Open Reduction of Hip Fracture	9	0.0	5.5	*	11.1	9.9	*	22.2	12.8	*
Prostatectomy	6	0.0	1.3	*	0.0	3.1	*	0.0	5.2	*
Cholecystectomy	19	5.3	1.6	*	5.3	2.6	*	5.3	3.2	*
Hysterectomy	6	0.0	1.2	*	0.0	3.1	*	0.0	5.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	87
Occupancy Rate	53
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CROCKETT GENERAL HOSPITAL

Medicare Provider Number: 440175

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	712	11.1	9.0	2.0	14.7	13.4	1.8	17.0	16.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	28	42.9	27.2	*	46.4	30.6	*	46.4	34.1	*
Congestive Heart Failure	44	29.5	15.7	*	29.5	23.9	*	31.8	30.5	*
Pneumonia/Influenza	38	10.5	15.6	*	21.1	21.1	*	23.7	25.5	*
Chronic Obstructive Pulmonary Disease	25	4.0	6.9	*	20.0	12.8	*	20.0	17.9	*
Transient Cerebral Ischemia	19	5.3	2.2	*	5.3	4.7	*	10.5	7.4	*
Stroke	20	20.0	20.7	*	25.0	27.0	*	25.0	31.7	*
Hip Fracture	16	12.5	7.7	*	12.5	13.2	*	18.8	16.4	*
Sepsis	4	25.0	36.8	*	25.0	42.7	*	25.0	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	6.7	*	25.0	11.9	*	25.0	14.9	*
Open Reduction of Hip Fracture	10	10.0	6.0	*	10.0	10.7	*	10.0	13.7	*
Prostatectomy	4	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	16	12.5	2.4	*	18.8	3.7	*	18.8	4.8	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	593	12.3	9.7	1.5	17.0	14.3	1.8	20.1	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	25	16.0	25.7	*	20.0	28.8	*	28.0	32.1	*
Congestive Heart Failure	52	21.2	17.2	7.7	28.8	26.0	6.6	34.6	33.3	6.6
Pneumonia/Influenza	32	3.1	15.8	*	3.1	21.3	*	6.3	26.0	*
Chronic Obstructive Pulmonary Disease	15	20.0	4.5	*	26.7	9.1	*	26.7	13.4	*
Transient Cerebral Ischemia	10	0.0	2.4	*	0.0	5.3	*	0.0	8.6	*
Stroke	19	47.4	21.0	*	52.6	28.2	*	52.6	33.3	*
Hip Fracture	8	12.5	5.9	*	12.5	10.3	*	12.5	13.2	*
Sepsis	4	25.0	31.1	*	25.0	37.1	*	25.0	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.4	*	0.0	6.4	*	0.0	8.7	*
Open Reduction of Hip Fracture	6	16.7	5.7	*	16.7	10.5	*	16.7	13.7	*
Prostatectomy	5	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy	12	0.0	2.1	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	4	25.0	0.7	*	25.0	1.2	*	25.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CUMBERLAND MEDICAL CENTER

811 S Main St
Crossville, TN 38555

Medicare Provider Number: 440009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,619	7.4	8.2	1.0	11.3	12.4	1.2	14.1	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	44	20.5	25.5	*	22.7	28.5	*	27.3	31.6	*
Congestive Heart Failure	79	20.3	15.3	6.8	27.8	23.5	6.6	30.4	30.2	5.5
Pneumonia/Influenza	129	11.6	16.7	5.5	19.4	22.7	5.5	21.7	27.3	7.0
Chronic Obstructive Pulmonary Disease	35	8.6	7.4	*	8.6	14.0	*	20.0	19.3	*
Transient Cerebral Ischemia	28	3.6	1.8	*	7.1	3.8	*	7.1	5.9	*
Stroke	48	12.5	22.7	*	25.0	29.6	*	29.2	34.3	*
Hip Fracture	26	11.5	5.8	*	11.5	10.5	*	11.5	13.8	*
Sepsis	12	33.3	30.0	*	50.0	35.8	*	50.0	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.6	*	0.0	11.0	*	0.0	15.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	4.8	*	10.0	9.5	*	10.0	13.0	*
Open Reduction of Hip Fracture	9	11.1	5.0	*	11.1	9.0	*	11.1	11.6	*
Prostatectomy	40	0.0	0.8	*	2.5	1.9	*	5.0	3.4	*
Cholecystectomy	23	8.7	2.6	*	8.7	4.7	*	8.7	6.4	*
Hysterectomy	11	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	184
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	55
Medical Residents/Interns	0
Registered Nurses	68
Licensed Practical Nurses	90

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CUMBERLAND MEDICAL CENTER

Medicare Provider Number: 440009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,701	8.5	8.5	0.7	12.6	12.6	0.8	15.0	15.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	53	41.5	30.8	9.4	52.8	33.9	12.0	52.8	37.6	11.7
Congestive Heart Failure	56	14.3	16.1	6.2	23.2	24.7	7.2	26.8	31.8	10.0
Pneumonia/Influenza	120	14.2	17.0	4.4	21.7	22.8	4.5	27.5	27.3	4.2
Chronic Obstructive Pulmonary Disease	36	2.8	7.5	*	5.6	13.5	*	5.6	18.3	*
Transient Cerebral Ischemia	30	3.3	2.4	*	3.3	5.2	*	3.3	7.9	*
Stroke	52	28.8	20.3	7.2	30.8	27.0	6.5	32.7	31.6	6.5
Hip Fracture	24	8.3	5.6	*	20.8	10.2	*	29.2	13.2	*
Sepsis	10	20.0	34.9	*	20.0	42.8	*	20.0	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.1	*	0.0	4.2	*	0.0	6.7	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.5	*
Hip Replacement/Reconstruction	3	0.0	4.9	*	0.0	9.5	*	0.0	12.5	*
Open Reduction of Hip Fracture	12	16.7	5.7	*	41.7	10.9	*	58.3	14.5	*
Prostatectomy	53	0.0	0.7	1.3	0.0	1.6	2.2	1.9	2.7	2.4
Cholecystectomy	41	7.3	3.3	*	17.1	5.7	*	19.5	7.3	*
Hysterectomy	20	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,666	6.5	8.1	0.8	9.8	12.2	1.0	12.1	15.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	44	31.8	32.4	*	36.4	35.9	*	40.9	39.6	*
Congestive Heart Failure	61	6.6	17.2	7.9	16.4	25.5	8.4	23.0	32.2	8.5
Pneumonia/Influenza	104	12.5	17.4	6.1	19.2	23.3	5.7	22.1	28.0	7.7
Chronic Obstructive Pulmonary Disease	49	4.1	7.1	*	8.2	12.8	*	8.2	17.5	*
Transient Cerebral Ischemia	40	0.0	2.5	*	0.0	5.7	*	2.5	9.2	*
Stroke	58	22.4	22.5	6.1	25.9	30.3	7.5	29.3	35.3	10.2
Hip Fracture	29	3.4	7.3	*	10.3	12.7	*	10.3	16.3	*
Sepsis	11	18.2	31.9	*	18.2	38.6	*	18.2	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	4.1	*	0.0	8.4	*	0.0	12.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.0	*	0.0	9.6	*	0.0	12.7	*
Open Reduction of Hip Fracture	12	0.0	5.9	*	0.0	11.0	*	0.0	14.5	*
Prostatectomy	22	0.0	1.2	*	0.0	2.7	*	4.5	4.4	*
Cholecystectomy	46	0.0	2.0	*	2.2	3.6	*	2.2	4.6	*
Hysterectomy	12	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DECATUR COUNTY GENERAL HOSPITAL

1200 Tennessee St Box 249
Parsons, TN 38363

Medicare Provider Number: 440070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	415	8.9	7.9	2.5	13.0	12.5	2.6	16.9	16.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	36.6	*	75.0	41.0	*	75.0	46.6	*
Congestive Heart Failure	24	12.5	13.7	*	16.7	21.6	*	16.7	28.4	*
Pneumonia/Influenza	30	6.7	15.6	*	13.3	21.8	*	16.7	26.7	*
Chronic Obstructive Pulmonary Disease	15	13.3	5.9	*	13.3	11.2	*	20.0	16.1	*
Transient Cerebral Ischemia	7	0.0	2.8	*	14.3	6.7	*	14.3	11.2	*
Stroke	17	23.5	16.2	*	35.3	22.5	*	47.1	27.1	*
Hip Fracture	3	33.3	7.9	*	33.3	15.1	*	33.3	19.8	*
Sepsis	10	50.0	23.2	*	50.0	30.1	*	60.0	36.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	6.9	*	33.3	13.7	*	33.3	18.5	*
Prostatectomy	0									
Cholecystectomy	3	0.0	2.8	*	0.0	6.2	*	0.0	9.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	50
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DECATUR COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	427	6.8	8.3	2.2	11.2	13.2	3.1	15.0	17.1	3.2
CONDITIONS:										
Acute Myocardial Infarction	11	54.5	35.4	*	63.6	38.8	*	63.6	42.8	*
Congestive Heart Failure	27	7.4	16.1	*	18.5	25.7	*	22.2	33.5	*
Pneumonia/Influenza	33	15.2	16.2	*	18.2	22.4	*	18.2	27.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	6.6	*	0.0	11.7	*	0.0	16.4	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	5.3	*	0.0	8.6	*
Stroke	16	12.5	17.1	*	18.8	23.1	*	25.0	27.7	*
Hip Fracture	6	0.0	4.1	*	0.0	8.1	*	16.7	10.9	*
Sepsis	7	28.6	24.1	*	28.6	31.8	*	57.1	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.5	*	0.0	2.5	*	0.0	3.6	*
Open Reduction of Hip Fracture	6	0.0	3.6	*	0.0	7.3	*	16.7	10.1	*
Prostatectomy	0									
Cholecystectomy	4	0.0	3.3	*	25.0	7.3	*	25.0	11.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	10.3	9.4	2.2	14.1	14.4	2.0	17.7	18.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	17	47.1	41.1	*	52.9	44.6	*	52.9	48.9	*
Congestive Heart Failure	19	26.3	14.1	*	42.1	22.2	*	42.1	28.8	*
Pneumonia/Influenza	30	20.0	17.8	*	30.0	24.7	*	30.0	30.2	*
Chronic Obstructive Pulmonary Disease	12	8.3	10.7	*	8.3	18.0	*	16.7	23.6	*
Transient Cerebral Ischemia	7	0.0	2.3	*	0.0	5.3	*	0.0	8.4	*
Stroke	10	60.0	28.8	*	60.0	35.2	*	60.0	39.8	*
Hip Fracture	3	0.0	5.6	*	0.0	9.3	*	0.0	12.1	*
Sepsis	5	60.0	24.9	*	60.0	34.4	*	80.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.0	*	0.0	9.8	*	0.0	14.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.9	*	0.0	8.6	*	0.0	11.2	*
Prostatectomy	0									
Cholecystectomy	6	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DEKALB GENERAL HOSPITAL

P O Box 640
Smithville, TN 37166

Medicare Provider Number: 440148

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	565	8.8	8.2	1.5	13.3	12.6	2.0	17.3	16.1	2.7
CONDITIONS:										
Acute Myocardial Infarction	21	42.9	31.5	*	42.9	34.3	*	42.9	37.7	*
Congestive Heart Failure	28	17.9	11.3	*	17.9	18.6	*	21.4	24.7	*
Pneumonia/Influenza	31	22.6	20.0	*	35.5	28.1	*	38.7	33.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	4.7	*	8.3	9.0	*	16.7	12.9	*
Transient Cerebral Ischemia	12	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*
Stroke	26	15.4	14.2	*	15.4	19.6	*	19.2	23.4	*
Hip Fracture	4	0.0	7.2	*	0.0	12.2	*	0.0	15.6	*
Sepsis	5	20.0	18.3	*	20.0	25.2	*	20.0	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.4	*	0.0	7.5	*	0.0	10.8	*
Prostatectomy	25	0.0	1.1	*	4.0	2.8	*	8.0	4.9	*
Cholecystectomy	6	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	71
Occupancy Rate	45
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DEKALB GENERAL HOSPITAL

Medicare Provider Number: 440148

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	543	6.4	8.0	1.7	10.5	12.4	2.3	13.6	16.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	27.1	*	25.0	30.2	*	25.0	34.0	*
Congestive Heart Failure	36	22.2	15.1	*	27.8	23.9	*	30.6	31.0	*
Pneumonia/Influenza	49	4.1	13.2	*	8.2	18.5	*	12.2	22.8	*
Chronic Obstructive Pulmonary Disease	9	33.3	5.9	*	44.4	11.0	*	44.4	15.4	*
Transient Cerebral Ischemia	10	0.0	1.4	*	0.0	3.3	*	0.0	5.3	*
Stroke	20	20.0	16.9	*	20.0	22.9	*	30.0	27.4	*
Hip Fracture	1	0.0	10.4	*	0.0	20.5	*	0.0	26.9	*
Sepsis	13	0.0	16.9	*	7.7	26.4	*	7.7	34.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	15	6.7	1.5	*	6.7	3.6	*	6.7	5.6	*
Cholecystectomy	13	0.0	1.6	*	0.0	3.5	*	0.0	5.2	*
Hysterectomy	2	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	325	6.8	7.5	1.6	11.1	11.3	1.8	15.1	14.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	29.6	*	38.5	32.4	*	38.5	36.1	*
Congestive Heart Failure	26	7.7	10.3	*	11.5	17.1	*	23.1	23.0	*
Pneumonia/Influenza	24	16.7	12.1	*	16.7	17.3	*	33.3	21.5	*
Chronic Obstructive Pulmonary Disease	7	0.0	10.2	*	14.3	18.0	*	14.3	23.9	*
Transient Cerebral Ischemia	5	0.0	1.5	*	0.0	3.0	*	0.0	4.7	*
Stroke	15	33.3	18.7	*	33.3	25.5	*	33.3	30.3	*
Hip Fracture	0									
Sepsis	2	0.0	18.7	*	0.0	23.8	*	0.0	28.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	16	0.0	1.3	*	6.3	3.4	*	6.3	5.5	*
Cholecystectomy	6	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

DOWNTOWN GENERAL HOSPITAL

709 Walnut St
Chattanooga, TN 37402

Medicare Provider Number: 440121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	473	11.6	9.1	2.4	14.8	13.7	2.7	18.6	17.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	26.5	*	33.3	30.2	*	33.3	34.2	*
Congestive Heart Failure	22	22.7	14.5	*	27.3	22.3	*	31.8	28.8	*
Pneumonia/Influenza	20	20.0	15.5	*	20.0	20.9	*	20.0	25.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.2	*	0.0	8.3	*	0.0	12.9	*
Transient Cerebral Ischemia	5	0.0	2.8	*	0.0	6.3	*	20.0	10.2	*
Stroke	22	27.3	20.1	*	31.8	26.9	*	40.9	31.2	*
Hip Fracture	10	10.0	6.2	*	20.0	11.4	*	20.0	15.0	*
Sepsis	12	33.3	21.9	*	33.3	28.2	*	41.7	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.9	*	0.0	9.7	*	0.0	13.1	*
Open Reduction of Hip Fracture	5	20.0	6.5	*	20.0	12.2	*	20.0	16.2	*
Prostatectomy	6	0.0	0.9	*	0.0	2.2	*	0.0	3.8	*
Cholecystectomy	6	0.0	1.0	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	65
Occupancy Rate	42
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	87
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DOWNTOWN GENERAL HOSPITAL

Medicare Provider Number: 440121

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	437	8.9	10.3	1.9	14.4	15.6	2.1	17.6	19.5	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	25.9	*	44.4	28.8	*	44.4	32.0	*
Congestive Heart Failure	27	14.8	16.1	*	25.9	24.4	*	25.9	31.0	*
Pneumonia/Influenza	12	8.3	14.1	*	25.0	19.8	*	25.0	24.1	*
Chronic Obstructive Pulmonary Disease	3	33.3	14.4	*	33.3	21.4	*	33.3	27.3	*
Transient Cerebral Ischemia	23	0.0	2.4	*	0.0	5.4	*	0.0	8.5	*
Stroke	20	25.0	25.5	*	40.0	33.1	*	55.0	37.7	*
Hip Fracture	12	8.3	8.4	*	8.3	15.0	*	16.7	18.8	*
Sepsis	6	0.0	24.3	*	0.0	29.6	*	0.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	6.6	*	14.3	12.6	*	28.6	16.2	*
Open Reduction of Hip Fracture	3	0.0	8.7	*	0.0	15.6	*	0.0	19.4	*
Prostatectomy	15	0.0	1.5	*	0.0	3.8	*	0.0	6.4	*
Cholecystectomy	2	50.0	1.9	*	50.0	3.5	*	50.0	4.5	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	428	9.8	9.5	1.5	15.7	14.9	1.8	18.9	19.0	1.9
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	24.1	*	40.0	26.7	*	40.0	29.6	*
Congestive Heart Failure	25	8.0	16.6	*	20.0	25.7	*	40.0	33.1	*
Pneumonia/Influenza	19	26.3	15.3	*	31.6	21.1	*	31.6	25.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	16	0.0	2.4	*	0.0	5.3	*	0.0	8.4	*
Stroke	14	21.4	20.0	*	28.6	27.7	*	35.7	32.5	*
Hip Fracture	8	0.0	8.0	*	0.0	14.7	*	0.0	18.9	*
Sepsis	10	30.0	24.7	*	40.0	32.3	*	50.0	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.1	*	0.0	12.3	*	0.0	16.5	*
Open Reduction of Hip Fracture	2	0.0	7.2	*	0.0	13.2	*	0.0	16.7	*
Prostatectomy	5	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy	7	14.3	3.4	*	14.3	6.5	*	14.3	8.3	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

EAST TENNESSEE BAPTIST HOSPITAL

137 Blount Av Box 1788
Knoxville, TN 37901

Medicare Provider Number: 440019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,280	8.0	8.6	0.7	11.9	12.7	0.8	14.8	16.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	162	19.1	27.0	4.2	23.5	30.0	4.4	24.1	33.4	4.8
Congestive Heart Failure	160	16.2	14.1	3.3	26.2	21.9	4.2	29.4	28.3	3.7
Pneumonia/Influenza	96	9.4	14.8	6.9	14.6	20.3	7.8	18.8	24.6	7.5
Chronic Obstructive Pulmonary Disease	76	3.9	7.2	3.7	7.9	12.6	5.3	10.5	17.3	7.5
Transient Cerebral Ischemia	40	2.5	1.9	*	2.5	4.3	*	7.5	6.9	*
Stroke	97	24.7	22.3	6.0	29.9	27.7	5.1	32.0	31.9	4.7
Hip Fracture	83	8.4	6.6	4.1	16.9	11.5	6.7	18.1	14.7	7.2
Sepsis	24	16.7	27.4	*	29.2	34.4	*	37.5	40.4	*
PROCEDURES:										
Angioplasty	127	3.9	4.3	1.8	4.7	5.3	2.2	4.7	6.4	2.8
Coronary Artery Bypass Graft	92	4.3	4.8	2.5	7.6	6.4	2.7	8.7	7.5	2.9
Initial Pacemaker Insertion	39	2.6	3.1	*	10.3	6.1	*	10.3	8.8	*
Carotid Endarterectomy	18	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	48	8.3	4.0	*	18.8	7.4	*	22.9	9.6	*
Open Reduction of Hip Fracture	30	10.0	5.6	*	13.3	10.2	*	13.3	13.3	*
Prostatectomy	116	0.9	0.7	0.8	0.9	1.6	1.3	0.9	2.8	2.1
Cholecystectomy	64	0.0	2.4	2.5	1.6	4.3	3.4	1.6	5.9	4.0
Hysterectomy	50	0.0	0.4	*	0.0	0.9	*	2.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	337
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

EAST TENNESSEE BAPTIST HOSPITAL

Medicare Provider Number: 440019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,414	8.9	8.9	0.6	13.4	13.0	0.6	16.5	16.4	0.6
CONDITIONS:										
Acute Myocardial Infarction	116	26.7	28.1	4.3	31.0	31.4	4.3	31.9	35.3	4.8
Congestive Heart Failure	142	21.1	15.5	5.2	28.2	23.6	5.8	31.0	30.3	4.5
Pneumonia/Influenza	114	19.3	16.8	5.6	28.9	22.8	6.5	30.7	27.5	5.2
Chronic Obstructive Pulmonary Disease	68	7.4	6.6	5.2	13.2	11.4	5.1	16.2	15.7	4.5
Transient Cerebral Ischemia	36	8.3	2.1	*	11.1	4.7	*	13.9	7.5	*
Stroke	98	20.4	23.6	6.0	28.6	29.7	4.8	31.6	34.3	5.6
Hip Fracture	86	7.0	6.9	4.6	16.3	12.3	4.9	16.3	15.7	4.5
Sepsis	37	24.3	34.8	*	37.8	42.1	*	40.5	48.4	*
PROCEDURES:										
Angioplasty	76	0.0	2.8	3.3	1.3	3.6	2.9	1.3	4.5	3.6
Coronary Artery Bypass Graft	104	6.7	5.4	2.6	11.5	7.4	4.6	12.5	8.8	5.3
Initial Pacemaker Insertion	32	9.4	3.6	*	9.4	6.4	*	15.6	9.0	*
Carotid Endarterectomy	22	4.5	1.8	*	4.5	3.5	*	9.1	5.1	*
Hip Replacement/Reconstruction	59	5.1	4.4	3.3	8.5	8.1	5.6	8.5	10.4	7.4
Open Reduction of Hip Fracture	43	11.6	5.9	*	18.6	11.2	*	18.6	14.7	*
Prostatectomy	128	0.8	0.8	1.1	1.6	2.0	1.6	3.9	3.4	1.7
Cholecystectomy	51	2.0	2.1	2.1	2.0	3.4	3.0	2.0	4.3	3.5
Hysterectomy	48	4.2	0.6	*	4.2	1.3	*	4.2	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,251	8.1	8.5	0.6	13.1	12.8	0.9	16.1	16.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	119	23.5	30.4	5.8	28.6	34.2	7.5	29.4	38.2	6.3
Congestive Heart Failure	130	14.6	15.3	3.3	24.6	22.8	5.4	30.0	29.3	4.7
Pneumonia/Influenza	78	20.5	15.5	6.9	23.1	21.0	8.1	30.8	25.6	9.8
Chronic Obstructive Pulmonary Disease	97	10.3	9.3	3.1	17.5	15.6	4.1	19.6	20.3	4.6
Transient Cerebral Ischemia	47	0.0	1.9	*	4.3	4.1	*	6.4	6.5	*
Stroke	100	22.0	22.8	4.4	31.0	29.5	6.1	34.0	34.3	7.1
Hip Fracture	90	12.2	6.1	4.3	13.3	10.7	4.0	15.6	13.8	3.9
Sepsis	27	40.7	26.3	*	55.6	34.0	*	55.6	39.8	*
PROCEDURES:										
Angioplasty	73	8.2	5.4	4.3	8.2	6.6	4.2	9.6	8.0	4.2
Coronary Artery Bypass Graft	105	6.7	5.5	2.5	7.6	7.6	2.6	8.6	8.9	2.9
Initial Pacemaker Insertion	37	0.0	5.4	*	8.1	9.4	*	13.5	12.7	*
Carotid Endarterectomy	10	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	45	13.3	4.3	*	17.8	7.7	*	20.0	10.1	*
Open Reduction of Hip Fracture	43	9.3	5.0	*	9.3	9.4	*	11.6	12.4	*
Prostatectomy	102	1.0	1.0	1.0	3.9	2.4	2.0	4.9	4.0	2.2
Cholecystectomy	60	0.0	2.9	3.6	3.3	5.3	4.9	3.3	7.1	5.4
Hysterectomy	39	5.1	0.8	*	5.1	1.8	*	5.1	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

329.1

Baptist Hospital
A Part Of The Baptist Health System Of East Tennessee

January 11, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2 - D-2 Meadows East Building
6324 Security Boulevard
Baltimore, Maryland 21207

Provider #440019

Re: HCFA
Analysis of Hospital
Mortality Rates

Dear Mrs. Kappert:

We appreciate having the opportunity to review and provide comment on the Health Care Financing Administration's analysis of hospital mortality rates for Medicare beneficiaries. Following is our response to the study.

Based upon the data, we have concluded that East Tennessee Baptist Hospital's mortality statistics are not significantly different from predicted scores for each category for which predictions were made. It is our opinion that even the most liberal statistician would consider nothing higher than a 0.10 significance level (i.e., a 90% confidence interval) to identify meaningful differences in observed and predicted mortality rates using this statistical model. Our data falls easily within these parameters.

Although we are pleased with these conclusions, we question the value of publishing this information in its current form because of the risk of misleading conclusions being drawn by the novice reader not possessing the knowledge to interpret the statistical implications of the data. Wile we can appreciate the Health Care Financing Administration's intent of increasing consumer awareness, the data alone are not meaningful as an index of hospital performance. The usefulness of this mortality study is limited, at best, to serving as a screening tool for internal hospital quality improvement programs, not as conclusive documentation

P. O. Box 1788
137 Blount Avenue
Knoxville, Tennessee 37901
(615)632-5011

regarding the quality of services provided to the patient. The average consumer will most likely look at a hospital's actual mortality rate and determine if it is higher or lower than the predicted rate and ignore any reference to the standard deviation scores which are so critical to interpreting the data.

The data compiled for the study were retrieved from information available on claims submitted to Medicare for each admission. Medical records were not reviewed to evaluate the actual care rendered. In order for us to have some level of confidence in the study model, we need to know how much variance in mortality rates the model explains based upon the variables analyzed. We do not question the prediction technique. In other words, how much variance in outcome is left to change (error variance) after considering the variables in the equation? Variables other than those utilized in this study probably contribute significantly as causes of patient death.

In summary, the data provided is useful only as a screening tool by hospital internal quality improvement programs. Only through the review of medical records can the quality and appropriateness of services be evaluated. For example, we review mortalities through various medical staff functions on a monthly basis as part of our ongoing quality improvement process. We have serious concern regarding the potential for misinterpretation of the study as an indicator of the quality of hospital services.

Thank you again for this opportunity to respond.

Sincerely,

Ken L Fisher

Ken L. Fisher
Vice President, Finance

KLF/sa

EASTWOOD MEDICAL CENTER

3000 Getwell Rd
Memphis, TN 38118

Medicare Provider Number: 440159

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,091	8.2	9.7	1.0	13.6	14.6	1.1	16.8	18.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	27	18.5	23.7	*	22.2	26.7	*	22.2	29.9	*
Congestive Heart Failure	59	13.6	15.8	5.7	32.2	24.9	8.2	33.9	32.2	8.7
Pneumonia/Influenza	53	17.0	17.9	6.1	22.6	23.8	6.0	30.2	28.6	7.9
Chronic Obstructive Pulmonary Disease	22	0.0	8.0	*	4.5	14.0	*	9.1	19.3	*
Transient Cerebral Ischemia	32	0.0	1.8	*	0.0	3.9	*	6.3	6.2	*
Stroke	28	17.9	21.1	*	25.0	27.2	*	32.1	31.5	*
Hip Fracture	18	0.0	6.8	*	5.6	11.9	*	5.6	15.2	*
Sepsis	16	43.8	38.5	*	68.8	47.0	*	68.8	53.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	5.3	*	9.1	8.7	*	9.1	11.7	*
Carotid Endarterectomy	3	33.3	1.2	*	33.3	2.3	*	33.3	3.4	*
Hip Replacement/Reconstruction	8	0.0	2.7	*	12.5	5.4	*	12.5	8.1	*
Open Reduction of Hip Fracture	12	0.0	5.2	*	8.3	9.7	*	8.3	12.7	*
Prostatectomy	18	0.0	1.0	*	5.6	2.2	*	5.6	3.5	*
Cholecystectomy	20	5.0	2.1	*	5.0	3.7	*	5.0	5.0	*
Hysterectomy	5	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	179
Occupancy Rate	59
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EASTWOOD MEDICAL CENTER

Medicare Provider Number: 440159

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,063	8.2	8.5	1.5	12.6	13.0	1.5	16.5	16.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	30.4	*	29.2	34.0	*	37.5	37.8	*
Congestive Heart Failure	41	19.5	17.5	*	26.8	27.4	*	34.1	35.3	*
Pneumonia/Influenza	46	8.7	16.2	*	10.9	21.6	*	15.2	26.0	*
Chronic Obstructive Pulmonary Disease	21	4.8	7.2	*	4.8	13.1	*	14.3	18.3	*
Transient Cerebral Ischemia	36	0.0	1.9	*	0.0	4.0	*	11.1	6.3	*
Stroke	43	11.6	20.1	*	23.3	27.1	*	23.3	32.0	*
Hip Fracture	25	8.0	6.8	*	8.0	11.9	*	8.0	15.2	*
Sepsis	22	18.2	35.7	*	27.3	44.0	*	36.4	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.6	*	10.0	6.5	*	10.0	10.6	*
Carotid Endarterectomy	5	0.0	1.7	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	13	7.7	6.5	*	7.7	12.3	*	7.7	16.1	*
Open Reduction of Hip Fracture	5	0.0	7.6	*	0.0	13.4	*	0.0	16.9	*
Prostatectomy	45	0.0	2.0	*	2.2	4.8	*	2.2	7.6	*
Cholecystectomy	21	4.8	2.6	*	9.5	4.9	*	9.5	6.6	*
Hysterectomy	3	33.3	4.0	*	33.3	8.3	*	33.3	12.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	877	9.1	9.5	1.1	14.7	14.2	1.4	17.2	17.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	27.5	*	29.2	31.0	*	29.2	34.8	*
Congestive Heart Failure	53	17.0	17.1	5.6	32.1	25.6	11.5	39.6	32.7	12.6
Pneumonia/Influenza	29	13.8	17.6	*	20.7	23.1	*	20.7	27.7	*
Chronic Obstructive Pulmonary Disease	21	4.8	8.1	*	19.0	13.8	*	19.0	18.5	*
Transient Cerebral Ischemia	24	0.0	2.0	*	4.2	4.5	*	4.2	7.2	*
Stroke	47	19.1	19.5	*	25.5	25.7	*	25.5	30.3	*
Hip Fracture	17	5.9	7.4	*	11.8	12.6	*	17.6	16.1	*
Sepsis	16	31.3	39.2	*	37.5	48.2	*	43.8	54.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.6	*	0.0	8.5	*	10.0	12.1	*
Carotid Endarterectomy	4	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	9	0.0	5.9	*	11.1	10.2	*	11.1	13.0	*
Open Reduction of Hip Fracture	1	0.0	4.5	*	0.0	8.7	*	0.0	11.4	*
Prostatectomy	38	0.0	3.0	*	13.2	6.9	*	21.1	10.4	*
Cholecystectomy	13	0.0	2.8	*	0.0	4.8	*	7.7	6.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

EDGEFIELD HOSPITAL

610 Gallatin Rd
Nashville, TN 37206

Medicare Provider Number: 440026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	579	12.4	9.4	1.8	18.5	14.7	2.1	23.5	18.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	28	32.1	21.4	*	32.1	25.1	*	39.3	28.7	*
Congestive Heart Failure	26	19.2	13.9	*	26.9	22.1	*	34.6	28.9	*
Pneumonia/Influenza	32	37.5	19.2	*	53.1	26.9	*	53.1	32.5	*
Chronic Obstructive Pulmonary Disease	23	13.0	5.4	*	17.4	9.9	*	21.7	14.0	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	5.2	*	0.0	8.8	*
Stroke	24	12.5	20.0	*	12.5	27.2	*	25.0	32.0	*
Hip Fracture	25	8.0	4.8	*	16.0	8.9	*	28.0	11.9	*
Sepsis	13	30.8	29.6	*	38.5	36.4	*	46.2	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	2.6	*	13.3	5.1	*	13.3	7.0	*
Open Reduction of Hip Fracture	10	10.0	5.6	*	20.0	10.7	*	40.0	14.2	*
Prostatectomy	6	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	15	0.0	1.5	*	0.0	2.7	*	6.7	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	86
Occupancy Rate	47
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	59
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	0
Registered Nurses	65
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EDGEFIELD HOSPITAL

Medicare Provider Number: 440026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	571	16.5	10.5	1.5	21.2	15.4	1.7	26.8	19.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	21	52.4	28.6	*	57.1	32.1	*	57.1	35.7	*
Congestive Heart Failure	23	21.7	17.5	*	26.1	27.5	*	34.8	35.5	*
Pneumonia/Influenza	23	26.1	17.7	*	30.4	24.7	*	43.5	29.9	*
Chronic Obstructive Pulmonary Disease	17	5.9	5.9	*	5.9	11.0	*	17.6	15.4	*
Transient Cerebral Ischemia	7	0.0	1.3	*	0.0	2.7	*	14.3	4.2	*
Stroke	41	24.4	20.8	*	34.1	26.9	*	36.6	31.5	*
Hip Fracture	15	20.0	5.9	*	20.0	11.1	*	33.3	14.5	*
Sepsis	25	44.0	29.7	*	48.0	37.8	*	52.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	2.7	*	0.0	5.5	*	9.1	7.6	*
Open Reduction of Hip Fracture	10	30.0	5.2	*	30.0	10.0	*	40.0	13.2	*
Prostatectomy	17	5.9	1.4	*	5.9	2.3	*	17.6	3.5	*
Cholecystectomy	13	0.0	1.7	*	7.7	3.3	*	7.7	4.4	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	539	12.4	9.7	1.8	18.7	14.7	2.3	22.6	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	26.1	*	25.0	29.6	*	25.0	33.0	*
Congestive Heart Failure	22	27.3	17.1	*	36.4	26.7	*	54.5	34.3	*
Pneumonia/Influenza	26	19.2	14.3	*	19.2	19.5	*	19.2	23.7	*
Chronic Obstructive Pulmonary Disease	11	27.3	5.6	*	27.3	11.2	*	27.3	16.2	*
Transient Cerebral Ischemia	9	0.0	2.6	*	11.1	5.8	*	11.1	9.2	*
Stroke	24	25.0	19.7	*	33.3	26.2	*	33.3	30.8	*
Hip Fracture	15	6.7	6.2	*	13.3	11.2	*	20.0	14.2	*
Sepsis	7	28.6	33.0	*	42.9	41.8	*	42.9	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.3	*	0.0	6.6	*	16.7	9.0	*
Open Reduction of Hip Fracture	9	11.1	6.3	*	22.2	11.7	*	22.2	15.0	*
Prostatectomy	12	0.0	1.5	*	0.0	3.7	*	8.3	6.2	*
Cholecystectomy	14	7.1	2.0	*	7.1	3.4	*	7.1	4.3	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ERLANGER MEDICAL CENTER

975 East Third St
Chattanooga, TN 37403

Medicare Provider Number: 440104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,811	8.8	8.9	0.6	13.9	13.6	0.8	17.5	17.3	0.7
CONDITIONS:										
Acute Myocardial Infarction	94	27.7	26.7	5.2	29.8	29.9	5.3	33.0	33.1	5.0
Congestive Heart Failure	148	11.5	14.9	3.4	21.6	23.0	5.7	26.4	29.8	4.2
Pneumonia/Influenza	115	14.8	15.0	3.4	27.8	20.8	4.8	31.3	25.2	4.9
Chronic Obstructive Pulmonary Disease	42	7.1	7.2	*	7.1	12.5	*	11.9	17.3	*
Transient Cerebral Ischemia	76	3.9	1.7	2.6	5.3	3.7	3.1	5.3	5.8	4.1
Stroke	140	17.1	20.1	3.9	21.4	25.7	5.0	24.3	29.9	5.1
Hip Fracture	85	3.5	7.1	4.1	10.6	12.3	4.4	12.9	15.7	4.7
Sepsis	61	24.6	26.1	5.7	27.9	34.2	7.1	37.7	40.4	6.4
PROCEDURES:										
Angioplasty	29	0.0	4.5	*	0.0	5.7	*	0.0	7.0	*
Coronary Artery Bypass Graft	76	9.2	5.8	4.4	14.5	8.5	6.0	14.5	10.2	6.3
Initial Pacemaker Insertion	11	0.0	3.9	*	0.0	8.5	*	0.0	13.5	*
Carotid Endarterectomy	21	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	67	3.0	4.4	2.7	9.0	7.3	3.5	10.4	9.3	4.4
Open Reduction of Hip Fracture	36	0.0	6.2	*	8.3	11.5	*	11.1	14.9	*
Prostatectomy	59	3.4	1.3	2.8	5.1	3.0	3.1	6.8	4.8	3.2
Cholecystectomy	69	2.9	2.9	2.0	4.3	5.2	3.4	10.1	6.9	4.5
Hysterectomy	21	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	543
Occupancy Rate	78
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	613
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	85
Registered Nurses	672
Licensed Practical Nurses	110

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ERLANGER MEDICAL CENTER

Medicare Provider Number: 440104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,459	9.2	9.1	0.5	14.0	13.9	0.6	17.5	17.7	0.7
CONDITIONS:										
Acute Myocardial Infarction	73	21.9	27.0	10.1	27.4	30.4	10.0	30.1	33.9	8.2
Congestive Heart Failure	121	14.9	17.1	4.2	24.0	25.5	4.6	25.6	32.4	6.6
Pneumonia/Influenza	92	13.0	18.3	5.8	20.7	25.1	6.0	22.8	29.9	8.2
Chronic Obstructive Pulmonary Disease	31	12.9	8.2	*	22.6	13.5	*	22.6	17.8	*
Transient Cerebral Ischemia	47	0.0	1.9	*	0.0	4.1	*	4.3	6.3	*
Stroke	123	19.5	21.0	4.2	27.6	26.9	4.4	30.9	31.3	4.5
Hip Fracture	104	5.8	7.6	3.1	10.6	13.2	4.3	13.5	16.7	4.9
Sepsis	40	25.0	32.1	*	47.5	40.6	*	47.5	47.1	*
PROCEDURES:										
Angioplasty	24	4.2	3.3	*	4.2	4.5	*	4.2	5.6	*
Coronary Artery Bypass Graft	64	6.3	6.3	3.5	9.4	8.1	3.9	10.9	9.4	4.0
Initial Pacemaker Insertion	11	9.1	2.8	*	9.1	4.9	*	9.1	7.0	*
Carotid Endarterectomy	13	0.0	1.4	*	0.0	2.6	*	7.7	3.7	*
Hip Replacement/Reconstruction	81	1.2	4.9	3.8	4.9	9.0	5.2	7.4	11.7	5.8
Open Reduction of Hip Fracture	38	5.3	6.6	*	10.5	12.1	*	15.8	15.5	*
Prostatectomy	88	0.0	0.9	1.3	2.3	2.2	1.7	3.4	3.6	2.0
Cholecystectomy	57	7.0	4.7	4.1	15.8	8.7	6.0	17.5	11.5	5.8
Hysterectomy	22	0.0	2.1	*	9.1	4.2	*	9.1	6.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,566	8.6	8.7	0.6	13.9	13.7	0.9	17.1	17.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	84	28.6	24.9	6.3	31.0	28.2	8.3	36.9	31.4	8.4
Congestive Heart Failure	126	14.3	16.0	3.6	27.0	23.7	5.7	31.0	30.3	5.7
Pneumonia/Influenza	105	18.1	15.2	5.8	25.7	21.4	7.1	31.4	26.1	8.4
Chronic Obstructive Pulmonary Disease	39	12.8	7.8	*	17.9	13.1	*	20.5	17.5	*
Transient Cerebral Ischemia	52	0.0	1.7	2.3	0.0	3.4	3.8	1.9	5.2	4.1
Stroke	116	31.0	23.5	6.0	38.8	30.2	7.2	41.4	34.5	6.3
Hip Fracture	78	6.4	7.4	3.5	11.5	12.9	5.7	11.5	16.5	7.0
Sepsis	11	45.5	40.1	*	54.5	47.6	*	63.6	54.0	*
PROCEDURES:										
Angioplasty	27	0.0	3.8	*	0.0	4.8	*	0.0	5.9	*
Coronary Artery Bypass Graft	71	12.7	8.0	5.6	12.7	11.5	3.9	15.5	13.6	4.5
Initial Pacemaker Insertion	10	10.0	3.9	*	30.0	7.3	*	30.0	10.5	*
Carotid Endarterectomy	21	0.0	1.9	*	0.0	3.8	*	0.0	5.5	*
Hip Replacement/Reconstruction	49	4.1	4.3	*	10.2	7.6	*	10.2	9.8	*
Open Reduction of Hip Fracture	45	6.7	6.3	*	8.9	11.8	*	8.9	15.5	*
Prostatectomy	57	1.8	2.1	1.9	5.3	5.1	3.0	7.0	8.2	3.8
Cholecystectomy	38	13.2	5.0	*	15.8	7.8	*	15.8	9.9	*
Hysterectomy	30	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FENTRESS COUNTY GENERAL HOSPITAL

Hwy 52 W Drawer N
Jamestown, TN 38556

Medicare Provider Number: 440083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	442	6.1	8.7	1.7	10.0	13.3	2.4	12.0	17.2	2.6
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	23.7	*	33.3	27.5	*	33.3	31.6	*
Congestive Heart Failure	32	9.4	11.5	*	18.8	18.2	*	21.9	24.0	*
Pneumonia/Influenza	51	7.8	13.5	6.6	17.6	18.8	7.0	17.6	23.1	6.9
Chronic Obstructive Pulmonary Disease	22	0.0	4.1	*	0.0	8.2	*	4.5	11.9	*
Transient Cerebral Ischemia	8	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Stroke	15	40.0	17.8	*	40.0	23.5	*	40.0	27.5	*
Hip Fracture	0									
Sepsis	4	25.0	32.9	*	25.0	38.5	*	25.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.8	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	3	0.0	0.7	*	0.0	2.0	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	84
Occupancy Rate	48
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FENTRESS COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	479	7.9	7.6	1.8	11.5	11.9	2.0	15.2	15.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	25.4	*	30.8	28.8	*	38.5	32.5	*
Congestive Heart Failure	16	12.5	14.0	*	18.8	22.0	*	31.3	28.7	*
Pneumonia/Influenza	41	22.0	18.6	*	22.0	25.0	*	26.8	29.6	*
Chronic Obstructive Pulmonary Disease	24	12.5	5.6	*	20.8	11.7	*	25.0	17.3	*
Transient Cerebral Ischemia	13	0.0	2.0	*	0.0	4.4	*	7.7	6.9	*
Stroke	13	15.4	19.2	*	30.8	27.0	*	30.8	31.8	*
Hip Fracture	2	0.0	6.8	*	50.0	13.3	*	50.0	17.8	*
Sepsis	1	0.0	32.4	*	0.0	41.6	*	100.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*
Cholecystectomy	4	25.0	1.0	*	25.0	2.0	*	25.0	2.7	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	507	7.5	7.8	1.5	11.6	12.3	1.7	15.0	15.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	28.4	*	29.4	32.7	*	41.2	36.3	*
Congestive Heart Failure	20	25.0	13.4	*	30.0	20.6	*	30.0	27.0	*
Pneumonia/Influenza	34	14.7	20.3	*	23.5	27.7	*	26.5	33.2	*
Chronic Obstructive Pulmonary Disease	25	8.0	9.2	*	12.0	16.1	*	20.0	21.2	*
Transient Cerebral Ischemia	21	4.8	1.6	*	4.8	3.5	*	4.8	5.6	*
Stroke	14	21.4	19.7	*	21.4	27.9	*	42.9	33.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.9	*	0.0	5.2	*	0.0	8.8	*
Cholecystectomy	4	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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Fentress County
General
Hospital

January 14, 1991 PROVIDER NUMBER: 440083

RE: Medicare HospitaL Mortality Rate Report

COMMENTS: Review of your Mortality Rate Report is felt to be accurate for the most part, however the following anaylsis is needed:

The mortality rate report revealed 442 deaths from all causes. Fifteen deaths were attributed to Strokes, Seventy-Eight percent of these were age 70 and over. In this Seventy-Eight percentile approximately Ninety-Five percent of these cases were admitted to our facility from a long-term care facility or were placed in a long-term care facility at the time discharge.

Thank-you,

Paulette Keith, ART

Paulette Keith,A.R.T.
Director of Medical Record Department

Faxed 1-14-91 11:10 A.M.
Mailed 1-14-91

FORT SANDERS LOUDON MEDICAL CENTER

Vonore Rd Box 217
Loudon, TN 37774

Medicare Provider Number: 440110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	372	11.6	9.6	2.5	17.5	14.3	3.1	21.0	18.0	3.4
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	24.9	*	38.1	27.7	*	47.6	30.9	*
Congestive Heart Failure	33	18.2	13.0	*	30.3	20.1	*	42.4	26.4	*
Pneumonia/Influenza	24	16.7	14.8	*	29.2	20.1	*	33.3	24.6	*
Chronic Obstructive Pulmonary Disease	18	11.1	6.2	*	11.1	11.5	*	11.1	16.3	*
Transient Cerebral Ischemia	8	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	12	25.0	21.1	*	33.3	27.9	*	41.7	32.6	*
Hip Fracture	1	0.0	2.8	*	0.0	5.1	*	0.0	6.8	*
Sepsis	2	50.0	30.4	*	50.0	39.1	*	50.0	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	1.6	*	14.3	2.7	*	14.3	3.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	50
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

FORT SANDERS LOUDON MEDICAL CENTER

Medicare Provider Number: 440110

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	403	12.7	10.3	3.1	17.4	15.2	2.9	20.1	19.1	2.6
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	26.4	*	30.8	30.4	*	30.8	34.2	*
Congestive Heart Failure	29	37.9	13.0	*	37.9	20.1	*	41.4	26.1	*
Pneumonia/Influenza	39	17.9	18.0	*	25.6	24.5	*	28.2	29.4	*
Chronic Obstructive Pulmonary Disease	12	8.3	11.4	*	8.3	17.4	*	8.3	22.0	*
Transient Cerebral Ischemia	14	7.1	2.4	*	7.1	5.5	*	14.3	8.9	*
Stroke	15	33.3	27.0	*	46.7	35.0	*	53.3	40.4	*
Hip Fracture	5	20.0	5.8	*	20.0	10.9	*	20.0	14.4	*
Sepsis	4	0.0	31.7	*	0.0	43.1	*	25.0	49.0	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	4.8	*	0.0	9.4	*	0.0	12.4	*
Prostatectomy	0									
Cholecystectomy	6	0.0	2.4	*	0.0	4.8	*	16.7	6.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	377	11.1	9.3	2.3	16.7	14.0	2.9	21.0	17.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	32.1	*	50.0	35.4	*	58.3	39.1	*
Congestive Heart Failure	37	16.2	15.4	*	29.7	23.4	*	32.4	30.1	*
Pneumonia/Influenza	25	16.0	15.6	*	24.0	21.4	*	24.0	26.3	*
Chronic Obstructive Pulmonary Disease	6	16.7	6.1	*	16.7	10.8	*	16.7	15.0	*
Transient Cerebral Ischemia	5	0.0	2.0	*	20.0	4.4	*	20.0	7.1	*
Stroke	13	23.1	19.1	*	53.8	25.2	*	53.8	29.9	*
Hip Fracture	1	0.0	10.7	*	0.0	21.4	*	100.0	28.5	*
Sepsis	2	50.0	36.1	*	50.0	41.1	*	50.0	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	9.1	*	0.0	19.2	*	100.0	26.4	*
Prostatectomy	0									
Cholecystectomy	9	0.0	2.1	*	11.1	3.4	*	11.1	4.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FORT SANDERS REGIONAL MEDICAL CENTER

1901 Clinch Ave
Knoxville, TN 37916

Medicare Provider Number: 440125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,107	7.7	7.1	0.9	12.1	11.2	1.1	15.1	14.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	83	27.7	24.5	6.1	28.9	27.9	5.4	31.3	31.4	5.1
Congestive Heart Failure	98	13.3	12.8	3.4	18.4	20.6	4.8	23.5	27.2	5.5
Pneumonia/Influenza	114	14.9	15.1	3.7	21.9	21.2	4.0	24.6	26.0	4.3
Chronic Obstructive Pulmonary Disease	28	3.6	5.0	*	10.7	8.8	*	17.9	12.5	*
Transient Cerebral Ischemia	36	5.6	1.8	*	5.6	4.0	*	8.3	6.4	*
Stroke	90	18.9	19.5	4.8	24.4	26.2	5.0	27.8	30.6	5.7
Hip Fracture	103	8.7	6.4	4.4	14.6	11.7	5.4	17.5	15.4	4.8
Sepsis	12	25.0	28.3	*	50.0	40.1	*	58.3	48.9	*
PROCEDURES:										
Angioplasty	7	14.3	5.1	*	14.3	6.1	*	14.3	7.3	*
Coronary Artery Bypass Graft	17	0.0	4.7	*	0.0	6.8	*	0.0	8.6	*
Initial Pacemaker Insertion	11	9.1	2.5	*	18.2	5.3	*	18.2	8.4	*
Carotid Endarterectomy	23	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	86	3.5	3.1	1.9	8.1	5.8	3.2	8.1	7.7	3.6
Open Reduction of Hip Fracture	43	11.6	6.0	*	14.0	11.4	*	16.3	15.2	*
Prostatectomy	139	0.7	0.8	0.9	2.2	1.9	1.2	2.9	3.0	1.7
Cholecystectomy	72	2.8	2.5	2.3	8.3	4.7	3.3	12.5	6.5	4.3
Hysterectomy	33	0.0	0.5	*	0.0	1.2	*	3.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	374
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	237
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	310
Licensed Practical Nurses	123

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

FORT SANDERS REGIONAL MEDICAL CENTER

Medicare Provider Number: 440125

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,071	6.8	6.5	0.6	11.2	10.4	0.9	14.5	13.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	71	28.2	24.2	7.6	35.2	27.7	7.8	36.6	31.1	7.2
Congestive Heart Failure	89	13.5	15.4	3.9	18.0	23.7	5.6	20.2	30.5	7.2
Pneumonia/Influenza	85	12.9	15.6	5.8	17.6	21.7	5.9	23.5	26.4	5.4
Chronic Obstructive Pulmonary Disease	27	14.8	6.5	*	33.3	11.0	*	37.0	14.8	*
Transient Cerebral Ischemia	37	0.0	1.8	*	2.7	3.8	*	10.8	6.0	*
Stroke	117	17.1	20.3	6.4	23.9	26.4	5.6	27.4	30.7	5.9
Hip Fracture	69	1.4	5.4	4.2	10.1	9.8	4.0	11.6	12.8	4.1
Sepsis	18	16.7	26.3	*	22.2	35.5	*	22.2	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.9	*	0.0	6.9	*	0.0	9.8	*
Carotid Endarterectomy	14	0.0	1.7	*	7.1	3.1	*	7.1	4.5	*
Hip Replacement/Reconstruction	71	1.4	2.7	3.1	4.2	5.2	3.4	8.5	6.9	3.5
Open Reduction of Hip Fracture	35	0.0	4.3	*	8.6	8.2	*	8.6	11.1	*
Prostatectomy	137	0.0	0.6	0.8	1.5	1.5	1.2	1.5	2.5	1.7
Cholecystectomy	81	2.5	2.2	1.8	4.9	4.2	3.0	6.2	5.6	4.0
Hysterectomy	34	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,033	6.3	6.2	0.4	10.0	9.9	0.5	13.3	13.0	0.6
CONDITIONS:										
Acute Myocardial Infarction	65	29.2	26.1	6.7	30.8	29.7	5.9	32.3	33.2	5.9
Congestive Heart Failure	100	13.0	14.4	3.6	20.0	22.4	4.3	29.0	29.1	5.0
Pneumonia/Influenza	69	5.8	14.6	6.6	8.7	20.3	8.1	14.5	24.9	8.1
Chronic Obstructive Pulmonary Disease	21	19.0	5.3	*	23.8	9.2	*	23.8	12.5	*
Transient Cerebral Ischemia	58	1.7	1.5	2.3	6.9	3.2	4.6	8.6	5.0	5.9
Stroke	95	25.3	19.0	5.1	32.6	25.8	6.3	43.2	30.4	7.3
Hip Fracture	84	3.6	6.1	3.2	6.0	11.2	5.0	8.3	14.8	6.2
Sepsis	14	35.7	35.2	*	35.7	43.2	*	35.7	49.4	*
PROCEDURES:										
Angioplasty	5	0.0	3.3	*	0.0	4.6	*	0.0	5.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.1	*	0.0	6.2	*	0.0	9.1	*
Carotid Endarterectomy	27	3.7	1.6	*	3.7	3.0	*	3.7	4.4	*
Hip Replacement/Reconstruction	85	2.4	3.3	2.4	3.5	6.3	4.0	3.5	8.5	5.2
Open Reduction of Hip Fracture	35	2.9	5.2	*	5.7	9.9	*	11.4	13.3	*
Prostatectomy	168	0.6	1.0	0.8	1.2	2.4	1.3	1.2	3.9	2.0
Cholecystectomy	59	3.4	3.7	2.5	8.5	6.4	3.6	11.9	8.3	4.7
Hysterectomy	30	3.3	0.6	*	6.7	1.4	*	6.7	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FORT SANDERS SEVIER MEDICAL CENTER

Middle Creek Rd
Sevierville, TN 37862

Medicare Provider Number: 440081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	664	15.4	11.2	2.3	19.4	16.3	2.0	22.0	20.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	25.4	*	40.0	29.0	*	40.0	32.4	*
Congestive Heart Failure	41	22.0	23.6	*	29.3	29.9	*	31.7	35.9	*
Pneumonia/Influenza	36	41.7	18.4	*	52.8	24.4	*	52.8	29.3	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.6	*	11.1	15.9	*	11.1	22.5	*
Transient Cerebral Ischemia	6	0.0	1.9	*	16.7	4.1	*	16.7	6.5	*
Stroke	22	36.4	23.7	*	40.9	30.9	*	45.5	36.1	*
Hip Fracture	30	10.0	6.6	*	16.7	12.1	*	16.7	16.0	*
Sepsis	16	31.3	32.7	*	31.3	42.0	*	37.5	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.0	*	0.0	3.8	*	0.0	5.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	4.4	*	10.0	8.3	*	10.0	11.0	*
Open Reduction of Hip Fracture	13	7.7	5.9	*	15.4	10.7	*	15.4	14.0	*
Prostatectomy	18	0.0	1.0	*	0.0	2.1	*	0.0	3.1	*
Cholecystectomy	18	0.0	1.9	*	0.0	3.3	*	0.0	4.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	112
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	51
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FORT SANDERS SEVIER MEDICAL CENTER

Medicare Provider Number: 440081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	627	11.2	11.0	1.3	15.5	15.8	1.5	19.3	19.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	26	61.5	29.0	*	61.5	33.0	*	61.5	36.6	*
Congestive Heart Failure	35	17.1	31.3	*	20.0	38.1	*	25.7	44.8	*
Pneumonia/Influenza	30	10.0	19.5	*	23.3	26.1	*	30.0	31.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.6	*	0.0	12.2	*	0.0	16.3	*
Transient Cerebral Ischemia	9	0.0	2.5	*	11.1	5.4	*	11.1	8.5	*
Stroke	20	15.0	22.2	*	20.0	27.7	*	30.0	32.2	*
Hip Fracture	29	3.4	6.8	*	10.3	12.8	*	10.3	16.8	*
Sepsis	18	38.9	27.8	*	38.9	35.3	*	44.4	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.7	*	0.0	7.4	*	0.0	11.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.3	*	0.0	8.6	*	0.0	11.7	*
Open Reduction of Hip Fracture	19	0.0	5.4	*	5.3	10.3	*	5.3	13.7	*
Prostatectomy	20	5.0	1.1	*	5.0	2.7	*	5.0	4.3	*
Cholecystectomy	15	0.0	1.9	*	0.0	3.8	*	0.0	5.2	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	657	10.8	9.1	1.5	13.9	13.6	1.4	17.0	17.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	28.8	*	36.8	33.2	*	47.4	37.2	*
Congestive Heart Failure	36	19.4	15.5	*	25.0	23.2	*	33.3	29.9	*
Pneumonia/Influenza	31	16.1	15.0	*	19.4	20.3	*	22.6	24.9	*
Chronic Obstructive Pulmonary Disease	7	28.6	9.3	*	28.6	16.8	*	28.6	23.4	*
Transient Cerebral Ischemia	7	0.0	2.3	*	0.0	4.7	*	0.0	7.3	*
Stroke	26	38.5	23.0	*	42.3	29.9	*	42.3	34.9	*
Hip Fracture	26	7.7	6.8	*	15.4	12.7	*	15.4	17.1	*
Sepsis	10	40.0	37.3	*	50.0	47.6	*	60.0	54.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.2	*	20.0	6.8	*	20.0	10.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	5.4	*	25.0	10.3	*	25.0	13.7	*
Open Reduction of Hip Fracture	17	5.9	5.8	*	11.8	11.6	*	11.8	16.0	*
Prostatectomy	12	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	13	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	3	0.0	2.1	*	0.0	4.6	*	0.0	6.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SEVIER
MEDICAL
CENTER
AFFILIATE OF
FORT SANDERS
REGIONAL
MEDICAL CENTER

P.O. Box 8005
Sevierville, Tennessee
37864

615/453-7111

PROVIDER NO: 440081

FACILITY COMMENTS TO ACCOMPANY MEDICARE HOSPITAL MORTALITY INFORMATION TO BE RELEASED SPRING, 1991

In reviewing the statistical information to be published in the Federal Register in the spring of 1990, we found Fort Sanders-Sevier Medical Center's mortality rate for all causes to be within the predicted ranges at the 95% confidence level utilizing the standard deviation provided. It should be noted that the standard deviation column for all eight medical categories defined by the principle diagnosis and all nine categories defined by a surgical procedure are marked with an asterisk (*). As you indicated in the information accompanying the summary data sheet, this asterisk means "the precision and interpretability of our estimates are questionable when there are no deaths or fifty or fewer cases in a particular category being analyzed."

We compared the number of cases and the mortality rates calculated by HCFA with the patient specific listing provided and found differences in thirteen of the seventeen condition and procedure categories. Our numbers and calculations are as follows:

CONDITIONS:	**NUMBER OF CASES**	**OBSERVED MORT. RATE%**
ACUTE MYOCARDIAL INFARCTION	36	22.2
CONGESTIVE HEART FAILURE	65	10.7
PNEUMONIA/INFLUENZA	62	20.9
CHRONIC OBS. PULMONARY DISEASE	20	0
STROKE	28	25
HIP FRACTURE	37	8.1
SEPSIS	24	29.1

PROCEDURES:	**NUMBER OF CASES**	**OBSERVED MORT. RATE%**
INITIAL PACEMAKER INSERTION	6	0
HIP REPLACEMENT/RECONSTRUCTION	12	8.3
OPEN REDUCTION OF HIP FRACTURE	17	5.8
PROSTATECTOMY	23	0
CHOLECYSTECTOMY	20	0
HYSTERECTOMY	1	0

SEVIER MEDICAL CENTER
AFFILIATE OF FORT SANDERS REGIONAL MEDICAL CENTER

P.O. Box 8005
Sevierville, Tennessee
37864

615/453-7111

PROVIDER NO: 440081

We would like to point out the hospital performance is dependent upon a number of variables requiring consideration of many indicators of which death is only one. Much time and effort is devoted to the Quality Improvement Process which is designed to objectively and systematically monitor and evaluate the quality and appropriateness of patient care and to pursue opportunities to improve patient care and resolve identified problems. Our goal is to assure that patient care practices and profession performances at Fort Sanders-Sevier Medical Center are evaluated and monitored in a planned, systematic and on-going process to improve quality and appropriateness of patient care and to provide an objective method to identify and correct patterns of practice, professional performance and patient outcomes that are inconsistent with the high quality of care achievable at Fort Sanders-Sevier Medical Center.

The Medical Staff participates in the Quality Improvement Process through its Peer Review which includes review of all surgical and invasive diagnostic procedures, all blood transfusions, drug usage, complications, hospital acquired infections, appropriateness of hospitalization, condition at time of discharge, death and many others.

Fort Sanders-Sevier Medical Center is a rural, non-profit 79-bed acute care hospital with an adjoining 54-bed nursing home which provides both skilled and intermediate care. Located at the foothills of the Smoky Mountains, we are a prime retirement location for a broad cross-section of the population.

The range of services at Fort Sanders-Sevier Medical Center is unusually diverse for a facility our size. Medical specialties include Family Practice, Cardiology, Emergency Medicine, Nephrology, Otolaryngology, General Surgery, Internal Medicine, Obstetric and Gynecology, Orthopedic Surgery, Ophthalmologic Surgery, Oral Surgery, Pediatrics, Radiology, Urology, Clinical Psychology, Occupational Health and Community Health, Education and Wellness.

Fort Sanders-Sevier Medical Center is accredited by the Joint Commission on Accreditation of Healthcare Organizations, a nationally recognized authority whose principle concern is quality patient care.

FORUM HOSPITAL TRENTON

2036 Hwy 45 By-Pass
Trenton, TN 38382

Medicare Provider Number: 440177

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	146	7.5	5.5	2.4	14.4	9.8	4.1	20.5	13.5	5.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	10	20.0	14.5	*	20.0	24.3	*	30.0	31.2	*
Pneumonia/Influenza	9	11.1	13.6	*	11.1	19.3	*	22.2	23.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.4	*	0.0	6.6	*	0.0	9.8	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke	3	33.3	14.4	*	33.3	20.4	*	33.3	24.5	*
Hip Fracture	0									
Sepsis	1	100.0	25.3	*	100.0	29.4	*	100.0	34.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	0.6	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	90
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	1
Registered Nurses	8
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**Not used in calculating hospital mortality rates.

FORUM HOSPITAL TRENTON

Medicare Provider Number: 440177

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	166	13.9	6.3	3.1	19.3	10.8	3.7	21.7	14.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	18	27.8	10.2	*	33.3	16.8	*	33.3	22.7	*
Pneumonia/Influenza	15	13.3	13.1	*	20.0	19.0	*	26.7	23.8	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.3	*	25.0	9.2	*	50.0	13.9	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Stroke	6	50.0	22.6	*	66.7	31.5	*	66.7	37.7	*
Hip Fracture	1	0.0	7.7	*	0.0	16.3	*	100.0	22.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	8.7	7.5	2.2	12.1	12.3	2.5	15.6	16.1	2.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	24.0	*	50.0	27.3	*	50.0	30.8	*
Congestive Heart Failure	17	11.8	14.3	*	17.6	23.4	*	41.2	30.9	*
Pneumonia/Influenza	16	18.8	14.9	*	18.8	20.6	*	18.8	25.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	4.3	*	0.0	7.6	*	0.0	10.5	*
Transient Cerebral Ischemia	1	0.0	5.3	*	0.0	13.2	*	0.0	21.2	*
Stroke	2	50.0	18.5	*	50.0	26.5	*	50.0	32.1	*
Hip Fracture	0									
Sepsis	3	33.3	32.9	*	66.7	39.6	*	66.7	47.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GEORGE W HUBBARD HOSPITAL

1005 D Todd Blvd
Nashville, TN 37208

Medicare Provider Number: 440069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	455	11.2	9.5	1.8	17.6	15.0	2.3	22.4	19.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	25.3	*	66.7	27.8	*	66.7	30.9	*
Congestive Heart Failure	51	15.7	12.6	6.2	29.4	20.3	9.6	35.3	26.7	10.3
Pneumonia/Influenza	9	11.1	13.4	*	44.4	18.3	*	44.4	22.4	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.6	*	0.0	9.8	*	0.0	13.5	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	5.4	*	0.0	9.0	*
Stroke	10	10.0	16.6	*	10.0	23.1	*	10.0	27.4	*
Hip Fracture	5	0.0	4.0	*	0.0	7.7	*	0.0	10.4	*
Sepsis	7	42.9	32.4	*	57.1	46.8	*	71.4	55.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	1.4	*	0.0	2.7	*	0.0	3.6	*
Open Reduction of Hip Fracture	4	0.0	3.7	*	0.0	7.5	*	0.0	10.5	*
Prostatectomy	4	0.0	3.5	*	0.0	8.9	*	0.0	14.8	*
Cholecystectomy	2	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	240
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GEORGE W HUBBARD HOSPITAL

Medicare Provider Number: 440069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	576	8.9	9.1	1.2	14.9	14.3	1.9	19.6	18.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	29.9	*	50.0	34.6	*	50.0	38.8	*
Congestive Heart Failure	44	11.4	14.2	*	18.2	22.1	*	29.5	28.5	*
Pneumonia/Influenza	15	6.7	12.9	*	13.3	17.4	*	20.0	20.9	*
Chronic Obstructive Pulmonary Disease	16	0.0	7.5	*	12.5	12.6	*	25.0	16.9	*
Transient Cerebral Ischemia	10	0.0	1.4	*	10.0	3.2	*	20.0	5.3	*
Stroke	22	18.2	21.1	*	27.3	26.7	*	31.8	30.9	*
Hip Fracture	5	40.0	5.9	*	60.0	10.7	*	60.0	14.0	*
Sepsis	7	14.3	26.2	*	42.9	38.3	*	42.9	45.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.7	*	0.0	6.0	*	0.0	9.6	*
Carotid Endarterectomy	3	0.0	2.4	*	0.0	5.4	*	0.0	8.3	*
Hip Replacement/Reconstruction	1	100.0	4.3	*	100.0	8.9	*	100.0	12.1	*
Open Reduction of Hip Fracture	4	25.0	5.3	*	50.0	10.1	*	50.0	13.4	*
Prostatectomy	14	7.1	1.5	*	7.1	3.7	*	7.1	6.4	*
Cholecystectomy	4	0.0	3.3	*	25.0	6.3	*	25.0	8.5	*
Hysterectomy	3	0.0	0.9	*	0.0	1.9	*	0.0	2.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	560	8.4	9.6	1.8	14.6	15.4	1.9	18.9	19.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	25.6	*	25.0	29.7	*	25.0	33.1	*
Congestive Heart Failure	43	2.3	15.3	*	14.0	23.2	*	18.6	29.9	*
Pneumonia/Influenza	12	8.3	14.8	*	8.3	20.1	*	8.3	24.2	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.7	*	0.0	16.1	*	0.0	20.9	*
Transient Cerebral Ischemia	9	11.1	1.2	*	11.1	2.5	*	11.1	3.8	*
Stroke	8	25.0	27.8	*	37.5	34.4	*	37.5	38.6	*
Hip Fracture	5	20.0	7.6	*	20.0	13.6	*	20.0	17.2	*
Sepsis	11	36.4	32.2	*	63.6	44.4	*	63.6	51.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.5	*	0.0	7.0	*	0.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.3	*	0.0	4.5	*	0.0	6.0	*
Open Reduction of Hip Fracture	4	25.0	7.2	*	25.0	13.5	*	25.0	17.5	*
Prostatectomy	9	0.0	1.0	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy	2	0.0	13.1	*	50.0	25.3	*	50.0	32.5	*
Hysterectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GERMANTOWN COMMUNITY HOSPITAL

7691 Poplar Ave
Germantown, TN 38138

Medicare Provider Number: 440170

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	501	13.6	11.6	2.2	19.6	17.6	2.9	24.4	22.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	29.9	*	33.3	34.1	*	33.3	38.0	*
Congestive Heart Failure	22	13.6	16.9	*	22.7	26.0	*	22.7	33.2	*
Pneumonia/Influenza	52	28.8	17.4	9.6	36.5	23.6	11.4	40.4	28.3	11.4
Chronic Obstructive Pulmonary Disease	3	0.0	3.8	*	0.0	8.4	*	33.3	12.9	*
Transient Cerebral Ischemia	1	0.0	2.5	*	0.0	6.6	*	0.0	11.2	*
Stroke	19	0.0	19.1	*	5.3	26.2	*	21.1	30.9	*
Hip Fracture	16	12.5	6.3	*	18.8	11.3	*	25.0	14.6	*
Sepsis	13	46.2	31.7	*	61.5	41.5	*	61.5	48.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.4	*	0.0	8.4	*	0.0	12.1	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	4	25.0	2.1	*	25.0	4.0	*	25.0	5.4	*
Open Reduction of Hip Fracture	12	0.0	5.0	*	8.3	9.4	*	16.7	12.5	*
Prostatectomy	9	0.0	2.5	*	0.0	4.3	*	0.0	5.9	*
Cholecystectomy	6	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	120
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	68
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

GERMANTOWN COMMUNITY HOSPITAL

Medicare Provider Number: 440170

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	430	15.1	11.0	2.6	20.0	17.1	2.7	25.1	21.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	18.1	*	62.5	21.3	*	62.5	24.7	*
Congestive Heart Failure	27	25.9	18.7	*	29.6	28.3	*	37.0	35.8	*
Pneumonia/Influenza	40	27.5	19.0	*	32.5	26.2	*	40.0	31.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.6	*	0.0	13.9	*	0.0	18.6	*
Transient Cerebral Ischemia	7	0.0	2.6	*	14.3	5.8	*	14.3	8.9	*
Stroke	22	27.3	20.5	*	31.8	27.4	*	31.8	32.2	*
Hip Fracture	20	5.0	7.8	*	10.0	13.3	*	15.0	16.6	*
Sepsis	8	50.0	27.0	*	50.0	37.6	*	50.0	44.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.6	*	0.0	5.8	*	50.0	8.1	*
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	2	0.0	5.3	*	0.0	10.7	*	0.0	14.3	*
Open Reduction of Hip Fracture	15	0.0	6.7	*	6.7	11.9	*	6.7	15.1	*
Prostatectomy	6	0.0	1.2	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy	6	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	299	15.4	10.7	2.7	22.1	16.4	3.3	24.7	20.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	36.0	*	80.0	39.8	*	80.0	43.9	*
Congestive Heart Failure	12	25.0	20.0	*	33.3	31.6	*	33.3	40.5	*
Pneumonia/Influenza	18	38.9	18.9	*	44.4	25.8	*	44.4	31.4	*
Chronic Obstructive Pulmonary Disease	5	40.0	13.3	*	40.0	25.2	*	40.0	34.3	*
Transient Cerebral Ischemia	5	0.0	1.6	*	0.0	3.6	*	20.0	5.8	*
Stroke	15	33.3	23.7	*	46.7	32.5	*	53.3	38.1	*
Hip Fracture	16	18.8	7.3	*	31.3	13.4	*	31.3	17.6	*
Sepsis	6	0.0	27.0	*	16.7	33.6	*	33.3	39.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.6	*	20.0	14.1	*	20.0	18.7	*
Open Reduction of Hip Fracture	11	27.3	6.0	*	36.4	11.6	*	36.4	15.6	*
Prostatectomy	7	0.0	1.5	*	0.0	3.6	*	0.0	6.0	*
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

349.1

VIA AIRBORNE

GCH
Germantown Community Hospital-
Methodist East

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Subject: FY '89 Medicare Hospital Mortality Information

After in-depth review of the Health Care Financing Administration's Medicare Mortality Information for FY '89, Germantown Community Hospital - Methodist East feels that further explanation is warranted to respond to the statistical data published.

Of significant importance is the fact that Germantown Community Hospital - Methodist East had 1,791 discharges and averaged a 46% Medicare census during the time period of October 1988 - September 1989. During that time the average age of the Medicare population treated at this institution was 77.43 years of age, with the average death age being 82.03 years. Based on the information provided by the Statistical Abstract of the United States 1990, a person aged 65 in 1985, if male, could expect to live to age 79 and a female, to age 83. Of the 501 Medicare cases reviewed by the Healthcare Financing Administration, the mortality information indicates we experienced 147 deaths for the time period September 1988 - October 1989. Of these deaths, 87 or 59% were deaths after discharge from this institution. It is also significant that of these 87 deaths after discharge, 60 of these individuals or 67% were discharged to extended care facilities for further treatment of their chronic disease processes.

If a Medicare patient expires at this facility, the case is thoroughly reviewed to verify that the individual received appropriate, necessary intervention and treatment of their medical condition. These deaths are reviewed by the hospital's Quality Assurance Committee, Medicine and Surgery Committees, and the Utilization Review Committee as safeguards to assure that each patient receives the highest standard of medical intervention and Quality Care that is possible.

Germantown Road and Poplar Avenue • P.O. Box [illegible] • Germantown, Tennessee 38138 • 901-754-6418
A joint venture of NME Hospitals, Inc. and Methodist Health Systems, Inc.

In addition, Germantown Community Hospital - Methodist East's Utilization Review Department reviews all cases for intensity of service, severity of illness and applies discharge screens and quality indicators to every patient at time of admission, during the hospitalization and at time of discharge. If cases fall out of the screens or require further clarification, the cases are presented to the Utilization Review Physician Advisor and Utilization Review Committee for review and follow-up. We feel that to include deaths after discharge from the hospital infers that the deaths were directly related to the hospitalization. This hospital, as all other Tennessee hospitals, are required to undergo audits by the Mid-South Foundation for Medical Care, Inc., the Peer Review Organization for the State of Tennessee which is under contract by the Health Care Financing Administration. To date, Germantown Community Hospital - Methodist East has never had an identified quality problem with any Medicare recipient treated at this institution.

In conclusion, the severity of the illness, age, and the underlying disease processes of the clients treated at Germantown Community Hospital - Methodist East are directly related to our mortality rate but not related to the quality of care this institution provides.

With best regards,

John D. Bartlett
Executive Director

lr

2623A

GIBSON GENERAL HOSPITAL

Hospital Dr
Trenton, TN 38382

Medicare Provider Number: 440047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	429	13.1	8.7	2.0	17.7	12.9	2.3	20.5	16.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	33.4	*	50.0	36.9	*	62.5	41.0	*
Congestive Heart Failure	26	26.9	12.3	*	38.5	19.5	*	42.3	25.6	*
Pneumonia/Influenza	35	11.4	14.1	*	22.9	19.2	*	28.6	23.6	*
Chronic Obstructive Pulmonary Disease	12	8.3	5.9	*	25.0	10.6	*	25.0	14.9	*
Transient Cerebral Ischemia	7	14.3	2.0	*	14.3	4.5	*	28.6	7.3	*
Stroke	16	50.0	27.7	*	56.3	35.8	*	56.3	41.2	*
Hip Fracture	2	50.0	5.3	*	50.0	8.9	*	50.0	11.2	*
Sepsis	4	25.0	35.3	*	25.0	40.8	*	25.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	2.7	*	20.0	4.6	*	20.0	6.0	*
Hysterectomy	1	0.0	1.8	*	0.0	4.0	*	0.0	5.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	101
Occupancy Rate	32
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GIBSON GENERAL HOSPITAL

Medicare Provider Number: 440047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	476	12.2	8.5	1.7	15.8	12.6	1.8	18.3	16.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	29.8	*	30.0	32.9	*	30.0	36.9	*
Congestive Heart Failure	33	36.4	18.2	*	45.5	26.4	*	51.5	33.1	*
Pneumonia/Influenza	37	16.2	15.5	*	21.6	20.9	*	21.6	25.3	*
Chronic Obstructive Pulmonary Disease	12	16.7	8.7	*	16.7	15.2	*	25.0	20.4	*
Transient Cerebral Ischemia	14	0.0	1.7	*	0.0	3.6	*	0.0	5.8	*
Stroke	21	33.3	21.6	*	47.6	28.3	*	47.6	33.4	*
Hip Fracture	1	0.0	3.8	*	0.0	6.8	*	0.0	8.8	*
Sepsis	8	37.5	31.8	*	50.0	40.9	*	50.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.3	*	0.0	6.2	*	0.0	8.2	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.7	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	395	9.6	9.5	1.9	13.7	13.9	2.7	19.2	17.5	2.9
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	34.9	*	38.9	38.4	*	38.9	42.6	*
Congestive Heart Failure	17	17.6	17.6	*	17.6	26.5	*	23.5	33.7	*
Pneumonia/Influenza	25	16.0	17.4	*	20.0	23.7	*	20.0	28.6	*
Chronic Obstructive Pulmonary Disease	17	5.9	10.9	*	11.8	17.9	*	29.4	23.2	*
Transient Cerebral Ischemia	11	0.0	2.1	*	9.1	4.7	*	27.3	7.6	*
Stroke	19	31.6	25.4	*	36.8	32.8	*	36.8	38.1	*
Hip Fracture	3	0.0	3.7	*	0.0	6.7	*	0.0	9.0	*
Sepsis	1	0.0	28.8	*	0.0	33.9	*	0.0	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.7	*	0.0	9.1	*	0.0	12.3	*
Open Reduction of Hip Fracture	1	0.0	3.6	*	0.0	7.1	*	0.0	9.7	*
Prostatectomy	5	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	2	0.0	1.7	*	0.0	3.0	*	0.0	3.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

GOODLARK MEDICAL CENTER

111 Highway 70 E
Dickson, TN 37055

Medicare Provider Number: 440046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,361	7.6	7.7	0.9	10.9	11.7	1.3	14.0	15.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	41	29.3	23.2	*	29.3	27.0	*	41.5	30.5	*
Congestive Heart Failure	105	16.2	14.1	3.9	22.9	22.6	4.9	27.6	29.3	6.5
Pneumonia/Influenza	85	7.1	12.4	6.2	10.6	17.4	7.9	14.1	21.5	7.8
Chronic Obstructive Pulmonary Disease	31	9.7	5.9	*	9.7	11.1	*	16.1	15.8	*
Transient Cerebral Ischemia	13	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke	79	22.8	18.9	6.6	29.1	24.5	6.1	30.4	28.9	5.3
Hip Fracture	33	9.1	5.7	*	9.1	10.5	*	12.1	13.9	*
Sepsis	18	33.3	29.9	*	33.3	36.6	*	44.4	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.2	*	0.0	11.0	*	0.0	16.6	*
Carotid Endarterectomy	4	0.0	2.3	*	25.0	5.1	*	25.0	7.7	*
Hip Replacement/Reconstruction	14	7.1	3.9	*	7.1	7.5	*	7.1	10.0	*
Open Reduction of Hip Fracture	23	8.7	4.6	*	8.7	8.9	*	13.0	12.0	*
Prostatectomy	36	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	19	0.0	1.9	*	0.0	3.8	*	0.0	5.3	*
Hysterectomy	2	0.0	0.2	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	176
Occupancy Rate	42
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GOODLARK MEDICAL CENTER

Medicare Provider Number: 440046

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,456	7.7	7.8	0.7	11.1	11.7	1.0	14.5	14.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	54	22.2	26.4	7.5	24.1	30.0	9.2	27.8	33.5	10.4
Congestive Heart Failure	86	16.3	13.7	4.7	22.1	21.5	4.5	25.6	28.0	5.3
Pneumonia/Influenza	89	16.9	15.1	4.2	21.3	21.0	4.5	25.8	25.7	4.6
Chronic Obstructive Pulmonary Disease	27	3.7	5.4	*	7.4	10.2	*	14.8	14.3	*
Transient Cerebral Ischemia	32	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	62	29.0	19.8	7.4	32.3	25.8	7.1	33.9	30.5	6.2
Hip Fracture	36	22.2	5.5	*	25.0	10.4	*	27.8	13.8	*
Sepsis	31	12.9	28.7	*	19.4	35.7	*	22.6	42.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.1	*	0.0	5.5	*	0.0	8.1	*
Carotid Endarterectomy	6	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	12	8.3	3.7	*	8.3	7.0	*	8.3	9.3	*
Open Reduction of Hip Fracture	22	18.2	4.8	*	22.7	9.6	*	27.3	13.1	*
Prostatectomy	24	0.0	0.6	*	4.2	1.4	*	4.2	2.5	*
Cholecystectomy	9	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	3	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,487	8.3	8.6	0.8	12.4	12.7	0.9	15.0	16.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	68	32.4	27.5	6.1	35.3	31.0	6.0	35.3	34.7	5.8
Congestive Heart Failure	99	9.1	14.9	5.5	21.2	23.2	5.2	29.3	30.1	4.9
Pneumonia/Influenza	86	10.5	14.7	6.2	15.1	20.6	8.2	17.4	25.3	10.7
Chronic Obstructive Pulmonary Disease	30	10.0	8.7	*	16.7	15.6	*	16.7	21.3	*
Transient Cerebral Ischemia	52	1.9	1.8	2.1	3.8	3.8	2.7	5.8	5.9	3.3
Stroke	70	28.6	23.8	6.4	38.6	30.5	8.2	41.4	35.5	7.1
Hip Fracture	25	12.0	6.4	*	24.0	11.2	*	24.0	14.4	*
Sepsis	25	20.0	29.5	*	28.0	36.9	*	32.0	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	6.1	*	9.1	10.0	*	9.1	12.4	*
Carotid Endarterectomy	20	0.0	1.4	*	5.0	2.8	*	5.0	4.0	*
Hip Replacement/Reconstruction	15	20.0	6.2	*	26.7	10.9	*	26.7	14.3	*
Open Reduction of Hip Fracture	15	6.7	5.8	*	26.7	10.7	*	26.7	13.9	*
Prostatectomy	35	0.0	0.8	*	5.7	2.0	*	11.4	3.4	*
Cholecystectomy	17	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	6	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HANCOCK COUNTY HOSPITAL

Box 37 315 W Main St
Sneedville, TN 37869

Medicare Provider Number: 440079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	235	8.5	7.3	2.0	10.2	11.0	2.2	12.3	14.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	26.3	*	0.0	38.0	*	0.0	45.8	*
Pneumonia/Influenza	13	30.8	17.8	*	30.8	23.8	*	46.2	28.5	*
Chronic Obstructive Pulmonary Disease	16	0.0	8.3	*	0.0	16.1	*	0.0	23.3	*
Transient Cerebral Ischemia	16	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	10	80.0	30.3	*	80.0	39.1	*	80.0	44.6	*
Hip Fracture	1	0.0	9.7	*	0.0	18.0	*	0.0	23.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	31
Occupancy Rate	58
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

HANCOCK COUNTY HOSPITAL

Medicare Provider Number: 440079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	243	3.7	6.1	1.7	5.3	9.4	2.2	6.6	12.2	2.8
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	47.8	*	40.0	52.9	*	40.0	57.5	*
Congestive Heart Failure	5	20.0	14.0	*	20.0	21.5	*	20.0	27.8	*
Pneumonia/Influenza	6	50.0	17.4	*	50.0	24.9	*	50.0	30.7	*
Chronic Obstructive Pulmonary Disease	35	0.0	5.7	*	0.0	10.3	*	0.0	14.4	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke	6	16.7	17.5	*	50.0	23.5	*	50.0	27.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	241	5.4	5.8	1.6	9.5	8.7	2.2	12.0	11.4	2.3
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	36.9	*	75.0	40.1	*	75.0	44.5	*
Congestive Heart Failure	1	0.0	12.1	*	100.0	18.1	*	100.0	23.7	*
Pneumonia/Influenza	17	23.5	19.4	*	29.4	26.6	*	29.4	32.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	7.0	*	10.0	13.7	*	10.0	20.0	*
Transient Cerebral Ischemia	6	0.0	2.5	*	16.7	5.7	*	16.7	9.5	*
Stroke	9	11.1	18.5	*	22.2	24.5	*	22.2	29.2	*
Hip Fracture	1	0.0	10.7	*	0.0	16.7	*	0.0	20.4	*
Sepsis	1	0.0	32.1	*	100.0	41.0	*	100.0	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HARDIN COUNTY GENERAL HOSPITAL

2006 Wayne Rd
Savannah, TN 38372

Medicare Provider Number: 440109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	708	8.3	9.4	1.2	12.9	14.3	1.6	15.5	18.2	2.2
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	34.7	*	31.3	38.3	*	37.5	42.6	*
Congestive Heart Failure	44	13.6	16.9	*	15.9	26.3	*	15.9	33.5	*
Pneumonia/Influenza	26	7.7	17.9	*	23.1	24.5	*	26.9	29.6	*
Chronic Obstructive Pulmonary Disease	26	0.0	5.4	*	7.7	11.7	*	11.5	17.7	*
Transient Cerebral Ischemia	9	0.0	2.1	*	0.0	4.5	*	0.0	7.1	*
Stroke	35	25.7	21.6	*	25.7	27.8	*	31.4	32.5	*
Hip Fracture	15	0.0	5.6	*	0.0	10.0	*	13.3	13.2	*
Sepsis	1	0.0	17.5	*	0.0	22.4	*	0.0	27.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	3.4	*	0.0	6.8	*	16.7	9.7	*
Open Reduction of Hip Fracture	9	0.0	4.9	*	0.0	9.6	*	11.1	13.0	*
Prostatectomy	0									
Cholecystectomy	13	7.7	2.4	*	15.4	4.6	*	15.4	6.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	132
Occupancy Rate	64
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

HARDIN COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	730	10.1	10.6	1.5	14.4	15.7	1.6	17.4	19.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	23	43.5	40.2	*	47.8	43.7	*	47.8	48.2	*
Congestive Heart Failure	35	14.3	18.1	*	25.7	27.5	*	31.4	34.9	*
Pneumonia/Influenza	53	20.8	16.2	6.3	24.5	22.0	7.7	30.2	26.7	8.6
Chronic Obstructive Pulmonary Disease	23	0.0	5.7	*	0.0	10.6	*	4.3	15.1	*
Transient Cerebral Ischemia	8	0.0	2.8	*	0.0	6.2	*	0.0	9.8	*
Stroke	23	30.4	21.5	*	47.8	27.6	*	47.8	32.3	*
Hip Fracture	16	0.0	7.3	*	0.0	12.8	*	6.3	16.3	*
Sepsis	2	0.0	35.1	*	50.0	47.5	*	50.0	54.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	7.7	*	0.0	12.6	*	0.0	15.4	*
Open Reduction of Hip Fracture	6	0.0	7.0	*	0.0	13.6	*	16.7	18.1	*
Prostatectomy	0									
Cholecystectomy	17	0.0	2.8	*	11.8	5.0	*	11.8	6.5	*
Hysterectomy	3	0.0	2.1	*	0.0	4.9	*	0.0	7.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	640	10.5	10.3	1.2	14.5	15.1	1.6	17.7	18.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	29	44.8	39.2	*	44.8	42.9	*	44.8	47.7	*
Congestive Heart Failure	34	14.7	17.3	*	26.5	26.2	*	29.4	33.5	*
Pneumonia/Influenza	29	13.8	17.4	*	20.7	23.2	*	31.0	27.8	*
Chronic Obstructive Pulmonary Disease	20	5.0	5.5	*	5.0	10.5	*	5.0	15.0	*
Transient Cerebral Ischemia	9	0.0	2.4	*	0.0	5.3	*	0.0	8.4	*
Stroke	28	39.3	28.7	*	39.3	37.1	*	46.4	42.6	*
Hip Fracture	14	7.1	4.6	*	14.3	8.5	*	14.3	11.5	*
Sepsis	3	66.7	30.8	*	66.7	41.5	*	66.7	47.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	4.0	*	10.0	7.6	*	10.0	10.2	*
Open Reduction of Hip Fracture	5	0.0	2.8	*	0.0	5.4	*	0.0	7.3	*
Prostatectomy	0									
Cholecystectomy	17	0.0	2.4	*	11.8	4.2	*	11.8	5.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HARRIMAN CITY HOSPITAL

414 Devonia St
Harriman, TN 37748

Medicare Provider Number: 440031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	794	7.6	9.0	1.4	10.5	13.8	1.7	13.4	17.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	28.6	*	29.2	31.9	*	37.5	35.3	*
Congestive Heart Failure	42	11.9	14.8	*	19.0	23.4	*	23.8	30.4	*
Pneumonia/Influenza	55	14.5	15.6	5.2	23.6	21.3	5.8	27.3	25.7	6.4
Chronic Obstructive Pulmonary Disease	45	4.4	5.8	*	6.7	11.6	*	8.9	16.6	*
Transient Cerebral Ischemia	12	0.0	1.8	*	0.0	4.4	*	0.0	7.3	*
Stroke	15	20.0	20.0	*	20.0	27.0	*	26.7	31.7	*
Hip Fracture	3	33.3	5.9	*	33.3	11.0	*	33.3	14.7	*
Sepsis	11	18.2	31.3	*	18.2	37.6	*	18.2	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	2.8	*	50.0	5.5	*	50.0	8.2	*
Open Reduction of Hip Fracture	3	33.3	5.1	*	33.3	10.0	*	33.3	13.6	*
Prostatectomy	6	0.0	0.8	*	0.0	1.9	*	0.0	3.0	*
Cholecystectomy	19	0.0	1.2	*	0.0	2.2	*	0.0	3.0	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	52
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	36
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	51

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

HARRIMAN CITY HOSPITAL

Medicare Provider Number: 440031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	826	8.4	9.2	1.3	13.0	14.0	1.5	17.6	17.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	20	40.0	30.3	*	40.0	34.2	*	45.0	38.1	*
Congestive Heart Failure	59	10.2	15.9	7.2	16.9	24.4	9.5	22.0	31.2	9.4
Pneumonia/Influenza	54	11.1	19.0	9.5	18.5	25.8	11.0	24.1	30.7	9.7
Chronic Obstructive Pulmonary Disease	31	0.0	4.8	*	9.7	9.6	*	16.1	14.1	*
Transient Cerebral Ischemia	17	0.0	1.7	*	0.0	3.6	*	5.9	5.6	*
Stroke	21	23.8	23.1	*	28.6	30.3	*	42.9	34.9	*
Hip Fracture	8	12.5	6.4	*	37.5	11.8	*	37.5	15.7	*
Sepsis	9	33.3	27.2	*	33.3	35.1	*	33.3	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	5.3	*	40.0	10.1	*	40.0	13.4	*
Open Reduction of Hip Fracture	4	25.0	4.9	*	50.0	9.9	*	50.0	13.6	*
Prostatectomy	18	5.6	4.8	*	5.6	9.1	*	11.1	13.0	*
Cholecystectomy	18	5.6	3.7	*	5.6	7.2	*	11.1	9.7	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	702	10.4	9.0	1.5	15.5	13.6	2.0	19.5	17.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	28.8	*	44.4	32.5	*	44.4	36.3	*
Congestive Heart Failure	28	17.9	14.7	*	21.4	22.5	*	32.1	29.0	*
Pneumonia/Influenza	43	7.0	17.4	*	14.0	23.5	*	20.9	28.4	*
Chronic Obstructive Pulmonary Disease	36	2.8	8.1	*	11.1	14.1	*	22.2	19.3	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	28	32.1	22.0	*	35.7	28.3	*	39.3	32.4	*
Hip Fracture	13	7.7	6.4	*	23.1	11.2	*	23.1	14.6	*
Sepsis	12	16.7	30.5	*	25.0	37.4	*	33.3	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.6	*	0.0	9.8	*	100.0	15.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	5.9	*	33.3	9.9	*	33.3	12.5	*
Open Reduction of Hip Fracture	3	0.0	5.2	*	33.3	8.8	*	33.3	11.1	*
Prostatectomy	7	0.0	2.4	*	0.0	5.9	*	0.0	10.0	*
Cholecystectomy	13	7.7	1.1	*	7.7	1.9	*	7.7	2.6	*
Hysterectomy	0									

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HARTSVILLE GENERAL HOSPITAL

500 Church St
Hartsville, TN 37074

Medicare Provider Number: 440196

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	8.3	9.1	2.2	12.5	14.4	2.7	14.8	18.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	29.1	*	0.0	32.4	*	0.0	36.9	*
Congestive Heart Failure	6	16.7	14.5	*	16.7	23.5	*	33.3	31.1	*
Pneumonia/Influenza	18	11.1	14.2	*	22.2	19.6	*	22.2	24.0	*
Chronic Obstructive Pulmonary Disease	9	11.1	7.1	*	11.1	13.7	*	11.1	19.7	*
Transient Cerebral Ischemia	8	0.0	2.5	*	0.0	5.7	*	0.0	9.3	*
Stroke	1	0.0	19.0	*	100.0	24.2	*	100.0	28.7	*
Hip Fracture	0									
Sepsis	5	20.0	29.4	*	40.0	39.2	*	40.0	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	5.3	*	0.0	9.6	*	0.0	11.5	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	34
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

** Not used in calculating hospital mortality rates.

HARTSVILLE GENERAL HOSPITAL

Medicare Provider Number: 440196

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	220	8.6	10.4	2.4	14.5	15.8	3.6	17.3	20.2	3.4
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	38.7	*	33.3	43.0	*	33.3	48.4	*
Congestive Heart Failure	9	33.3	15.9	*	33.3	24.6	*	44.4	31.7	*
Pneumonia/Influenza	18	16.7	18.4	*	22.2	25.5	*	33.3	30.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.2	*	0.0	8.9	*	0.0	13.2	*
Transient Cerebral Ischemia	2	0.0	4.1	*	0.0	9.4	*	0.0	14.8	*
Stroke	4	0.0	15.1	*	0.0	20.5	*	0.0	24.7	*
Hip Fracture	1	0.0	2.4	*	0.0	4.6	*	0.0	6.3	*
Sepsis	3	66.7	34.5	*	66.7	41.7	*	66.7	48.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	9.6	*	0.0	18.5	*	0.0	24.1	*
Hysterectomy	2	0.0	1.9	*	0.0	3.9	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	218	7.3	10.4	3.3	12.4	15.4	3.9	15.6	19.5	4.2
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	40.9	*	10.0	45.0	*	10.0	49.8	*
Congestive Heart Failure	18	11.1	16.4	*	16.7	25.1	*	22.2	32.1	*
Pneumonia/Influenza	12	16.7	18.2	*	41.7	24.2	*	41.7	28.8	*
Chronic Obstructive Pulmonary Disease	5	20.0	8.3	*	40.0	15.0	*	40.0	20.9	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	4.0	*	0.0	6.6	*
Stroke	6	33.3	26.1	*	50.0	33.1	*	66.7	38.6	*
Hip Fracture	0									
Sepsis	1	0.0	5.8	*	0.0	8.7	*	0.0	11.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.6	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HAWKINS COUNTY MEMORIAL HOSPITAL

Locust St
Rogersville, TN 37857

Medicare Provider Number: 440032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	386	10.6	8.9	2.0	16.8	14.0	2.4	22.0	18.1	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	0.0	23.9	*	22.2	27.4	*	33.3	30.9	*
Congestive Heart Failure	22	27.3	14.8	*	31.8	22.6	*	36.4	29.1	*
Pneumonia/Influenza	38	7.9	17.1	*	7.9	23.6	*	15.8	28.3	*
Chronic Obstructive Pulmonary Disease	23	8.7	7.1	*	17.4	14.0	*	21.7	20.1	*
Transient Cerebral Ischemia	11	0.0	2.1	*	0.0	5.0	*	18.2	8.2	*
Stroke	7	28.6	27.4	*	57.1	36.0	*	71.4	41.4	*
Hip Fracture	0									
Sepsis	2	50.0	24.2	*	100.0	31.5	*	100.0	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	64
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	9
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAWKINS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 440032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	501	12.0	9.0	2.0	17.8	13.7	2.5	20.6	17.6	2.5
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	25.0	*	50.0	29.2	*	56.3	33.2	*
Congestive Heart Failure	21	14.3	13.4	*	23.8	20.7	*	33.3	26.9	*
Pneumonia/Influenza	33	9.1	15.7	*	21.2	21.4	*	27.3	25.6	*
Chronic Obstructive Pulmonary Disease	19	0.0	6.0	*	5.3	11.4	*	5.3	16.2	*
Transient Cerebral Ischemia	11	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke	10	30.0	32.4	*	30.0	39.4	*	50.0	44.7	*
Hip Fracture	0									
Sepsis	8	75.0	37.9	*	87.5	44.9	*	87.5	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	3.3	*	0.0	5.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	2.2	*	0.0	4.0	*	0.0	5.0	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	449	9.8	9.4	1.4	14.9	14.3	1.9	19.2	18.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	21.5	*	33.3	26.3	*	44.4	30.6	*
Congestive Heart Failure	25	12.0	14.3	*	20.0	21.8	*	36.0	28.2	*
Pneumonia/Influenza	25	16.0	18.4	*	20.0	25.1	*	28.0	30.2	*
Chronic Obstructive Pulmonary Disease	13	0.0	7.3	*	7.7	13.7	*	15.4	19.0	*
Transient Cerebral Ischemia	11	0.0	1.7	*	9.1	3.6	*	9.1	5.7	*
Stroke	16	37.5	29.2	*	43.8	36.3	*	50.0	41.0	*
Hip Fracture	1	0.0	3.9	*	0.0	7.0	*	0.0	9.1	*
Sepsis	1	0.0	35.4	*	0.0	45.6	*	0.0	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HAYWOOD PARK GENERAL HOSPITAL

2545 N Washington Ave
Brownsville, TN 38012

Medicare Provider Number: 440174

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	461	10.0	10.5	2.0	17.1	15.9	1.9	20.2	20.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	44.1	*	46.2	47.7	*	46.2	52.1	*
Congestive Heart Failure	39	25.6	20.3	*	30.8	28.8	*	33.3	36.1	*
Pneumonia/Influenza	38	13.2	13.8	*	26.3	18.7	*	28.9	22.7	*
Chronic Obstructive Pulmonary Disease	11	9.1	9.6	*	18.2	17.9	*	18.2	24.9	*
Transient Cerebral Ischemia	18	0.0	3.1	*	0.0	7.3	*	5.6	12.0	*
Stroke	13	30.8	20.2	*	53.8	27.0	*	61.5	32.0	*
Hip Fracture	0									
Sepsis	2	50.0	35.9	*	50.0	43.9	*	50.0	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	15	0.0	2.1	*	6.7	5.4	*	13.3	9.4	*
Cholecystectomy	4	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	39
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

HAYWOOD PARK GENERAL HOSPITAL

Medicare Provider Number: 440174

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	513	10.5	9.1	2.0	14.4	13.9	1.8	18.5	17.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	31.4	*	30.0	35.2	*	30.0	39.2	*
Congestive Heart Failure	47	19.1	20.8	*	25.5	29.9	*	31.9	37.2	*
Pneumonia/Influenza	23	17.4	18.4	*	26.1	24.1	*	26.1	28.4	*
Chronic Obstructive Pulmonary Disease	8	0.0	8.4	*	0.0	14.5	*	0.0	19.7	*
Transient Cerebral Ischemia	20	0.0	1.9	*	0.0	4.1	*	5.0	6.4	*
Stroke	22	40.9	28.3	*	50.0	34.7	*	59.1	39.7	*
Hip Fracture	3	0.0	3.7	*	0.0	6.9	*	0.0	9.1	*
Sepsis	1	0.0	31.6	*	0.0	44.8	*	0.0	52.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.2	*	0.0	6.3	*	0.0	8.4	*
Open Reduction of Hip Fracture	1	0.0	4.1	*	0.0	7.8	*	0.0	10.3	*
Prostatectomy	12	0.0	1.2	*	0.0	3.2	*	8.3	5.4	*
Cholecystectomy	8	12.5	1.3	*	12.5	2.4	*	12.5	3.1	*
Hysterectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	591	10.3	9.8	1.3	13.5	14.4	1.5	16.2	18.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	16	50.0	39.6	*	56.3	43.4	*	56.3	48.1	*
Congestive Heart Failure	44	18.2	18.5	*	29.5	26.2	*	38.6	32.9	*
Pneumonia/Influenza	32	18.8	20.0	*	25.0	26.4	*	28.1	31.1	*
Chronic Obstructive Pulmonary Disease	10	0.0	10.6	*	0.0	15.5	*	0.0	19.5	*
Transient Cerebral Ischemia	30	3.3	2.0	*	3.3	4.5	*	3.3	7.2	*
Stroke	33	33.3	21.3	*	36.4	27.7	*	39.4	32.5	*
Hip Fracture	11	9.1	7.1	*	9.1	12.5	*	9.1	16.3	*
Sepsis	1	0.0	26.0	*	0.0	30.8	*	0.0	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.8	*	0.0	9.2	*	0.0	12.2	*
Open Reduction of Hip Fracture	4	0.0	5.1	*	0.0	9.6	*	0.0	12.6	*
Prostatectomy	3	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy	14	0.0	2.5	*	0.0	4.7	*	0.0	6.2	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HCA DONELSON HOSPITAL

3055 Lebanon Rd
Nashville, TN 37214

Medicare Provider Number: 440150

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,372	7.0	7.9	0.8	12.0	12.2	0.9	15.7	15.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	33	27.3	26.3	*	39.4	30.0	*	42.4	33.6	*
Congestive Heart Failure	75	17.3	16.0	5.5	25.3	25.1	5.1	34.7	32.4	6.5
Pneumonia/Influenza	85	14.1	14.3	4.0	21.2	19.9	4.9	25.9	24.4	5.3
Chronic Obstructive Pulmonary Disease	20	0.0	5.1	*	15.0	9.8	*	25.0	14.2	*
Transient Cerebral Ischemia	17	0.0	1.8	*	0.0	4.0	*	0.0	6.1	*
Stroke	46	15.2	22.9	*	32.6	30.5	*	39.1	35.6	*
Hip Fracture	35	2.9	5.8	*	11.4	10.6	*	11.4	13.9	*
Sepsis	16	25.0	27.6	*	31.3	36.1	*	31.3	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	2.5	*	0.0	5.4	*	6.7	8.3	*
Carotid Endarterectomy	5	0.0	1.2	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	26	0.0	3.0	*	3.8	5.9	*	3.8	8.0	*
Open Reduction of Hip Fracture	15	6.7	6.3	*	20.0	11.4	*	20.0	14.8	*
Prostatectomy	48	0.0	1.8	*	4.2	3.3	*	4.2	5.0	*
Cholecystectomy	38	5.3	2.4	*	7.9	3.9	*	10.5	5.0	*
Hysterectomy	8	0.0	1.7	*	0.0	4.0	*	12.5	6.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	218
Occupancy Rate	45
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	157
Licensed Practical Nurses	78

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HCA DONELSON HOSPITAL

Medicare Provider Number: 440150

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,481	7.2	8.1	1.0	12.3	12.4	1.0	15.8	15.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	32	46.9	27.3	*	50.0	30.3	*	50.0	33.7	*
Congestive Heart Failure	56	12.5	14.3	7.2	17.9	22.3	6.9	30.4	29.1	6.2
Pneumonia/Influenza	90	8.9	15.7	4.9	16.7	21.6	4.8	26.7	26.3	4.6
Chronic Obstructive Pulmonary Disease	18	11.1	7.9	*	16.7	13.6	*	16.7	18.2	*
Transient Cerebral Ischemia	19	0.0	1.7	*	0.0	3.5	*	15.8	5.4	*
Stroke	46	13.0	18.2	*	19.6	25.2	*	19.6	29.9	*
Hip Fracture	39	5.1	6.3	*	7.7	11.4	*	10.3	14.8	*
Sepsis	13	15.4	31.7	*	23.1	39.8	*	23.1	46.0	*
PROCEDURES:										
Angioplasty	1	0.0	1.2	*	0.0	1.8	*	0.0	2.6	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.9	*	0.0	3.4	*	0.0	5.0	*
Carotid Endarterectomy	9	11.1	1.9	*	11.1	3.7	*	11.1	5.5	*
Hip Replacement/Reconstruction	20	0.0	3.9	*	0.0	7.4	*	0.0	9.7	*
Open Reduction of Hip Fracture	19	10.5	6.7	*	15.8	12.8	*	21.1	16.7	*
Prostatectomy	40	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy	35	2.9	2.4	*	8.6	4.3	*	11.4	5.6	*
Hysterectomy	11	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,429	6.9	7.1	0.7	11.5	11.3	1.0	14.7	14.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	28	28.6	33.1	*	32.1	36.5	*	32.1	40.0	*
Congestive Heart Failure	48	16.7	15.0	*	20.8	23.3	*	25.0	30.2	*
Pneumonia/Influenza	72	4.2	15.0	6.2	13.9	20.7	7.8	16.7	25.4	6.4
Chronic Obstructive Pulmonary Disease	12	16.7	10.2	*	25.0	16.8	*	33.3	21.8	*
Transient Cerebral Ischemia	26	3.8	2.1	*	7.7	4.4	*	7.7	6.9	*
Stroke	40	15.0	18.2	*	17.5	25.5	*	20.0	30.3	*
Hip Fracture	42	11.9	6.9	*	14.3	12.2	*	16.7	15.6	*
Sepsis	10	30.0	28.2	*	30.0	36.1	*	40.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.3	*	12.5	4.6	*	12.5	6.8	*
Carotid Endarterectomy	13	0.0	1.9	*	0.0	3.4	*	0.0	4.9	*
Hip Replacement/Reconstruction	22	9.1	3.0	*	13.6	5.6	*	13.6	7.4	*
Open Reduction of Hip Fracture	24	8.3	6.9	*	8.3	13.0	*	12.5	16.8	*
Prostatectomy	57	1.8	1.0	1.6	5.3	2.5	3.3	7.0	4.2	5.4
Cholecystectomy	37	13.5	4.0	*	16.2	7.2	*	18.9	9.1	*
Hysterectomy	15	0.0	1.0	*	0.0	2.3	*	6.7	3.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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HCA Donelson
Hospital

January 14, 1991

Medicare Provider #
440150

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

After careful review of the most recent Medicare mortality statistics, the data appear to be essentially accurate for patients who expired while hospitalized at Donelson Hospital. It is not possible to comment on the accuracy of the information for mortality which occurred outside the hospital, as it is very difficult to verify the circumstances and causes of death in those cases.

Overall, the data place Donelson Hospital within acceptable mortality ranges. It is a fact that mortalities can and do occur in spite of intensive, high quality hospital care. Factors such as severity of illness and comorbid conditions may significantly affect patient outcomes and must be considered in addition to the principle diagnosis. Only a review of actual medical records by qualified peers can reveal whether appropriate care was provided; outcome alone is not necessarily indicative of quality of care.

Donelson Hospital, as one component of its ongoing quality assessment and improvement program, conducts an extensive review of each mortality case occurring during hospitalization in order to identify ways to improve patient care. We applaud HCFA's efforts to improve the quality of patient care and the effectiveness of medical practice, and we remain committed to the goal of continual quality improvement throughout our organization.

Sincerely,

William M. Gracey
Administrator/CEO

3055 Lebanon Road
Nashville, Tennessee 37214
Telephone (615) 871-3000
A Subsidiary of HCA The Healthcare Company

HCA SOUTHERN HILLS HOSPITAL

391 Wallace Rd
Nashville, TN 37211

Medicare Provider Number: 440197

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,273	7.5	8.2	1.3	11.1	12.3	1.8	14.1	15.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	25.5	*	28.0	28.1	*	28.0	31.2	*
Congestive Heart Failure	46	15.2	16.1	*	23.9	25.4	*	30.4	32.9	*
Pneumonia/Influenza	60	16.7	16.7	4.9	25.0	22.4	6.0	26.7	27.0	5.8
Chronic Obstructive Pulmonary Disease	4	25.0	8.5	*	50.0	15.4	*	50.0	21.6	*
Transient Cerebral Ischemia	34	2.9	2.0	*	8.8	4.2	*	14.7	6.5	*
Stroke	53	30.2	24.6	8.5	32.1	30.5	8.4	32.1	34.8	10.3
Hip Fracture	40	2.5	8.0	*	7.5	13.9	*	10.0	17.8	*
Sepsis	10	50.0	37.4	*	70.0	44.8	*	70.0	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	10.9	*	0.0	15.3	*	14.3	18.0	*
Carotid Endarterectomy	11	9.1	1.6	*	18.2	3.0	*	18.2	4.4	*
Hip Replacement/Reconstruction	27	3.7	4.8	*	3.7	8.3	*	7.4	10.6	*
Open Reduction of Hip Fracture	18	0.0	7.7	*	11.1	14.6	*	16.7	19.2	*
Prostatectomy	26	0.0	0.6	*	0.0	1.6	*	7.7	2.8	*
Cholecystectomy	27	3.7	3.1	*	3.7	5.5	*	3.7	7.1	*
Hysterectomy	12	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	146
Occupancy Rate	62
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	109
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	186
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HCA SOUTHERN HILLS HOSPITAL

Medicare Provider Number: 440197

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,279	6.8	7.7	1.0	10.2	11.7	1.5	13.1	14.8	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	28.3	*	29.2	32.3	*	33.3	36.2	*
Congestive Heart Failure	63	14.3	16.4	5.0	17.5	24.7	8.3	23.8	31.5	10.7
Pneumonia/Influenza	46	10.9	18.0	*	19.6	24.3	*	28.3	29.2	*
Chronic Obstructive Pulmonary Disease	12	8.3	6.5	*	8.3	11.9	*	16.7	16.6	*
Transient Cerebral Ischemia	26	3.8	2.7	*	7.7	5.8	*	7.7	9.0	*
Stroke	37	10.8	21.4	*	16.2	27.6	*	18.9	32.0	*
Hip Fracture	38	0.0	6.8	*	7.9	12.3	*	7.9	15.9	*
Sepsis	12	41.7	21.8	*	41.7	27.3	*	41.7	32.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	1.8	*	6.7	3.8	*	6.7	5.9	*
Carotid Endarterectomy	10	0.0	1.6	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	28	0.0	3.3	*	3.6	6.4	*	3.6	8.5	*
Open Reduction of Hip Fracture	17	0.0	7.8	*	17.6	14.5	*	17.6	18.8	*
Prostatectomy	36	0.0	2.3	*	5.6	5.1	*	8.3	7.8	*
Cholecystectomy	26	0.0	2.7	*	3.8	4.9	*	7.7	6.4	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,099	6.6	8.5	1.2	9.9	12.6	1.4	13.2	16.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	30.9	*	20.0	33.5	*	24.0	36.7	*
Congestive Heart Failure	70	7.1	17.0	7.7	18.6	25.7	7.1	31.4	32.7	5.7
Pneumonia/Influenza	29	17.2	18.8	*	24.1	25.2	*	24.1	30.2	*
Chronic Obstructive Pulmonary Disease	25	12.0	11.3	*	16.0	18.8	*	16.0	24.3	*
Transient Cerebral Ischemia	21	4.8	2.0	*	4.8	4.1	*	9.5	6.3	*
Stroke	39	20.5	24.1	*	25.6	30.6	*	25.6	35.1	*
Hip Fracture	33	6.1	7.7	*	12.1	13.8	*	15.2	17.7	*
Sepsis	5	20.0	26.2	*	20.0	33.8	*	40.0	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.8	*	0.0	10.1	*	0.0	14.8	*
Carotid Endarterectomy	12	0.0	1.8	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	15	13.3	5.9	*	26.7	10.7	*	26.7	13.8	*
Open Reduction of Hip Fracture	19	0.0	6.3	*	0.0	12.1	*	5.3	16.1	*
Prostatectomy	28	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	27	0.0	2.9	*	0.0	4.8	*	0.0	6.0	*
Hysterectomy	2	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HCA VOLUNTEER GENERAL HOSPITAL

161 Mount Pelia Rd
Martin, TN 38237

Medicare Provider Number: 440061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	814	10.7	8.2	1.5	15.8	12.5	1.9	19.2	16.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	29	31.0	23.4	*	37.9	27.6	*	41.4	31.6	*
Congestive Heart Failure	40	15.0	14.2	*	30.0	21.7	*	32.5	28.6	*
Pneumonia/Influenza	46	10.9	11.9	*	15.2	16.4	*	17.4	20.2	*
Chronic Obstructive Pulmonary Disease	16	12.5	5.8	*	25.0	11.2	*	25.0	16.5	*
Transient Cerebral Ischemia	12	8.3	1.8	*	8.3	4.1	*	8.3	6.7	*
Stroke	36	25.0	20.2	*	30.6	26.6	*	30.6	31.3	*
Hip Fracture	35	8.6	5.2	*	17.1	9.7	*	17.1	12.9	*
Sepsis	12	33.3	22.8	*	50.0	30.4	*	50.0	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	4.9	*	26.7	9.5	*	26.7	13.1	*
Open Reduction of Hip Fracture	19	5.3	4.4	*	10.5	8.4	*	10.5	11.3	*
Prostatectomy	10	0.0	1.6	*	10.0	4.0	*	20.0	6.8	*
Cholecystectomy	20	0.0	2.8	*	0.0	4.8	*	0.0	6.1	*
Hysterectomy	4	25.0	0.9	*	25.0	1.8	*	25.0	2.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	44
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	65
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

****Not used in calculating hospital mortality rates.**

HCA VOLUNTEER GENERAL HOSPITAL

Medicare Provider Number: 440061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	887	9.7	8.6	1.7	14.4	13.0	2.3	17.8	16.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	24	45.8	31.9	*	50.0	35.2	*	54.2	38.9	*
Congestive Heart Failure	39	20.5	13.7	*	25.6	20.7	*	33.3	26.8	*
Pneumonia/Influenza	67	17.9	16.1	5.2	20.9	21.9	5.2	22.4	26.4	6.2
Chronic Obstructive Pulmonary Disease	7	0.0	7.8	*	0.0	13.7	*	0.0	18.8	*
Transient Cerebral Ischemia	25	4.0	2.0	*	4.0	4.6	*	4.0	7.5	*
Stroke	45	15.6	19.9	*	26.7	25.7	*	31.1	30.2	*
Hip Fracture	39	15.4	6.0	*	20.5	11.3	*	25.6	15.1	*
Sepsis	6	33.3	19.0	*	33.3	24.0	*	33.3	29.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	8.0	4.4	*	12.0	8.6	*	20.0	11.4	*
Open Reduction of Hip Fracture	15	20.0	5.0	*	26.7	9.9	*	26.7	13.6	*
Prostatectomy	25	4.0	1.1	*	8.0	2.6	*	16.0	4.4	*
Cholecystectomy	25	0.0	2.3	*	0.0	3.8	*	0.0	4.7	*
Hysterectomy	4	0.0	0.5	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	905	11.8	7.8	1.0	15.5	11.7	1.2	18.2	15.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	32	59.4	28.9	*	59.4	32.4	*	59.4	36.4	*
Congestive Heart Failure	40	20.0	13.9	*	25.0	21.0	*	32.5	27.4	*
Pneumonia/Influenza	50	16.0	13.6	*	24.0	18.9	*	30.0	23.3	*
Chronic Obstructive Pulmonary Disease	18	5.6	8.5	*	16.7	15.1	*	22.2	20.6	*
Transient Cerebral Ischemia	25	4.0	2.0	*	4.0	4.4	*	8.0	7.0	*
Stroke	49	24.5	21.5	*	32.7	27.8	*	36.7	32.8	*
Hip Fracture	38	7.9	5.5	*	18.4	10.0	*	23.7	13.3	*
Sepsis	3	0.0	26.9	*	33.3	34.8	*	66.7	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.0	*	0.0	5.6	*	0.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	7.4	4.4	*	11.1	8.3	*	18.5	11.2	*
Open Reduction of Hip Fracture	13	0.0	4.4	*	23.1	8.6	*	23.1	11.7	*
Prostatectomy	35	5.7	1.0	*	8.6	2.4	*	11.4	4.0	*
Cholecystectomy	21	4.8	3.5	*	9.5	5.7	*	9.5	7.4	*
Hysterectomy	5	0.0	1.9	*	0.0	4.4	*	0.0	6.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HENDERSONVILLE COMMUNITY HOSPITAL

355 New Shackle Island Rd
Hendersonville, TN 37075

Medicare Provider Number: 440194

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	445	9.2	10.2	1.7	14.2	14.9	1.8	18.2	18.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	24.2	*	31.6	26.9	*	31.6	29.9	*
Congestive Heart Failure	18	5.6	15.0	*	5.6	23.2	*	11.1	30.0	*
Pneumonia/Influenza	27	14.8	17.7	*	25.9	24.1	*	25.9	29.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.7	*	20.0	11.9	*	20.0	16.5	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	20	20.0	23.2	*	30.0	30.3	*	35.0	34.9	*
Hip Fracture	11	9.1	7.3	*	36.4	12.6	*	36.4	16.0	*
Sepsis	6	16.7	25.3	*	16.7	34.0	*	16.7	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	5.3	*	0.0	11.9	*	0.0	18.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	7.3	*	28.6	11.0	*	28.6	13.7	*
Open Reduction of Hip Fracture	7	14.3	7.4	*	28.6	13.5	*	28.6	17.3	*
Prostatectomy	6	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	4	0.0	1.4	*	0.0	2.2	*	0.0	2.7	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	49
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HENDERSONVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 440194

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	454	9.3	7.8	2.0	13.2	11.8	2.2	16.7	15.2	2.8
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	27.4	*	27.3	30.7	*	27.3	34.1	*
Congestive Heart Failure	19	15.8	17.0	*	31.6	26.5	*	47.4	34.1	*
Pneumonia/Influenza	26	11.5	15.1	*	19.2	20.5	*	30.8	24.9	*
Chronic Obstructive Pulmonary Disease	12	16.7	5.0	*	25.0	10.7	*	25.0	16.1	*
Transient Cerebral Ischemia	11	0.0	1.9	*	0.0	4.2	*	9.1	6.6	*
Stroke	15	53.3	30.4	*	60.0	37.7	*	60.0	42.8	*
Hip Fracture	16	25.0	5.9	*	25.0	10.5	*	31.3	13.2	*
Sepsis	6	0.0	22.8	*	0.0	29.1	*	0.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.0	*	0.0	4.7	*	0.0	7.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	3.6	*	10.0	6.5	*	20.0	8.2	*
Open Reduction of Hip Fracture	7	28.6	4.2	*	28.6	8.1	*	28.6	10.8	*
Prostatectomy	24	0.0	0.8	*	4.2	2.0	*	8.3	3.4	*
Cholecystectomy	3	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	387	7.5	6.5	1.3	12.4	10.3	1.8	16.5	13.4	2.4
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	22.1	*	25.0	25.1	*	37.5	28.3	*
Congestive Heart Failure	13	0.0	13.7	*	15.4	21.2	*	23.1	27.4	*
Pneumonia/Influenza	16	18.8	15.6	*	31.3	21.3	*	31.3	26.0	*
Chronic Obstructive Pulmonary Disease	18	5.6	5.9	*	16.7	12.1	*	16.7	17.5	*
Transient Cerebral Ischemia	9	0.0	1.4	*	0.0	3.0	*	11.1	4.6	*
Stroke	16	25.0	19.2	*	37.5	25.8	*	43.8	30.3	*
Hip Fracture	12	16.7	6.5	*	25.0	12.6	*	41.7	16.9	*
Sepsis	3	0.0	15.5	*	0.0	20.6	*	33.3	25.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.9	*	0.0	10.1	*	16.7	14.2	*
Open Reduction of Hip Fracture	3	33.3	7.9	*	33.3	14.5	*	66.7	19.0	*
Prostatectomy	8	0.0	1.0	*	0.0	2.4	*	12.5	4.0	*
Cholecystectomy	7	0.0	2.8	*	0.0	5.2	*	0.0	6.7	*
Hysterectomy	3	0.0	1.3	*	0.0	2.4	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

373.1

HENDERSONVILLE
HOSPITAL

January 15, 1991

Healthcare Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
Building 2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

RE: Hospital response to HCFA of Mortality Data (Hendersonville Hospital, Medicare Provider #440194

Dear Mrs. Kappert:

In regard to the Medicare Mortality Data for Hendersonville Hospital during the fiscal years of 1987-1989, I am writing to advise you of some important variables not reflected on this report. The report shows that the observed mortality rate exceeded the predicted mortality rate for the following five patient categories of conditions or procedures;

- °Chronic obstructive pulmonary disease
- °Stroke
- °Hip fracture
- °Hip replacement/reconstruction
- °Open reduction of hip fracture

Our staff has evaluated the 22 mortalities reported for these five areas and would like to apprise you of their conclusions:

- °15 of the 22 mortalities involved nursing home patients who had been transferred to our facility for treatment of very serious life threatening conditions (e.g. active pneumonia, hip fracture, and stroke). Moreover, the contributors to these patient's conditions were equally serious and included respiratory failure, liver failure, congestive heart failure and GI bleeding.

- °One of the 22 patients was effectively treated for pneumonia during a 7 day stay in the facility, but was discharged into the care of a local hospice where the patient died of cancer complications approximately two months later.

- °Three of the twenty-two patients arrived at the hospital after having suffered major strokes at home and despite the hospital's best treatment efforts, expired in the facility.

*355 New Shackle Island Road
Hendersonville, Tennessee 37075
Telephone (615) 264-4000*

An Affiliate of
HEALTHTRUST
INC. *The Hospital Company*

°One of the twenty-two patients came to the hospital with avascular necrosis of the hip prosthesis. The orthopedic surgeon's best efforts in replacing the prosthesis proved ineffective for this 84 year old patient.

In summary, the hospital would appreciate these factors being included in HCFA's data release process, inasmuch as they provide a clearer description of the realities in treating these patients. I hope that your office will appropriately consider this information and I would be happy to answer any questions you might have.

Sincerely,

Lawrence H. Kloess, III
CEO/Administrator

cc: Carol Shrum, Director of Medical Records

HENRY COUNTY GENERAL HOSPITAL

301 Tyson Av
Paris, TN 38242

Medicare Provider Number: 440132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,177	8.8	8.4	1.0	14.4	12.8	1.3	18.1	16.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	28	39.3	29.3	*	42.9	31.9	*	42.9	35.3	*
Congestive Heart Failure	93	12.9	12.9	4.0	21.5	21.0	4.4	28.0	27.8	4.8
Pneumonia/Influenza	83	15.7	14.7	4.2	24.1	20.3	5.5	28.9	24.7	7.6
Chronic Obstructive Pulmonary Disease	26	11.5	5.0	*	15.4	8.9	*	19.2	12.3	*
Transient Cerebral Ischemia	17	0.0	1.8	*	5.9	4.1	*	17.6	6.7	*
Stroke	51	27.5	20.5	8.7	37.3	26.5	10.7	39.2	30.9	9.5
Hip Fracture	25	4.0	4.7	*	8.0	9.0	*	12.0	12.1	*
Sepsis	13	38.5	28.7	*	53.8	37.9	*	61.5	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.7	*	16.7	10.5	*	16.7	13.5	*
Open Reduction of Hip Fracture	17	5.9	4.8	*	11.8	9.5	*	17.6	12.9	*
Prostatectomy	34	0.0	0.6	*	0.0	1.4	*	2.9	2.4	*
Cholecystectomy	9	11.1	1.6	*	11.1	3.0	*	11.1	4.1	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	107
Occupancy Rate	61
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	55
Medical Residents/Interns	0
Registered Nurses	44
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HENRY COUNTY GENERAL HOSPITAL
Medicare Provider Number: 440132

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,236	9.2	8.0	0.9	12.9	12.0	1.0	15.5	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	29.2	*	43.5	32.1	*	43.5	35.7	*
Congestive Heart Failure	85	11.8	13.1	3.8	22.4	20.6	5.6	29.4	26.9	6.8
Pneumonia/Influenza	98	12.2	15.3	4.1	13.3	21.0	5.4	14.3	25.5	6.7
Chronic Obstructive Pulmonary Disease	31	6.5	5.2	*	9.7	9.8	*	12.9	13.9	*
Transient Cerebral Ischemia	22	0.0	2.0	*	0.0	4.6	*	4.5	7.3	*
Stroke	39	20.5	18.9	*	23.1	25.8	*	28.2	30.6	*
Hip Fracture	24	16.7	6.6	*	20.8	12.2	*	25.0	15.9	*
Sepsis	15	40.0	23.3	*	46.7	29.7	*	53.3	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	2.7	*	0.0	4.3	*	0.0	5.6	*
Open Reduction of Hip Fracture	21	19.0	6.1	*	23.8	11.8	*	28.6	15.7	*
Prostatectomy	28	0.0	0.9	*	3.6	2.1	*	3.6	3.4	*
Cholecystectomy	17	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	6	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,336	9.4	8.1	1.2	13.6	12.3	1.1	16.7	15.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	26.2	*	34.4	28.8	*	37.5	31.7	*
Congestive Heart Failure	85	17.6	14.4	4.2	25.9	22.6	4.9	35.3	29.6	6.2
Pneumonia/Influenza	128	21.9	18.1	4.6	25.8	24.9	4.3	27.3	29.9	4.4
Chronic Obstructive Pulmonary Disease	17	11.8	7.5	*	11.8	13.7	*	11.8	18.2	*
Transient Cerebral Ischemia	32	3.1	1.7	*	9.4	3.8	*	15.6	6.1	*
Stroke	42	31.0	19.1	*	42.9	25.3	*	52.4	29.7	*
Hip Fracture	31	3.2	5.1	*	12.9	9.7	*	12.9	13.1	*
Sepsis	10	50.0	29.8	*	50.0	36.6	*	50.0	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	5.1	*	0.0	7.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.5	*	0.0	7.2	*	0.0	10.3	*
Open Reduction of Hip Fracture	20	5.0	4.6	*	20.0	9.1	*	20.0	12.5	*
Prostatectomy	32	3.1	0.8	*	6.3	2.0	*	9.4	3.4	*
Cholecystectomy	27	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HICKMAN COUNTY HOSPITAL

135 E Swan St
Centerville, TN 37033

Medicare Provider Number: 440014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	256	9.4	9.8	2.3	13.7	14.6	2.4	17.2	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	37.6	*	44.4	41.4	*	44.4	45.9	*
Congestive Heart Failure	17	17.6	13.4	*	29.4	21.7	*	35.3	28.8	*
Pneumonia/Influenza	29	13.8	16.6	*	20.7	22.9	*	24.1	28.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.8	*	0.0	14.4	*	0.0	19.9	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	12.0	*	50.0	17.6	*	50.0	21.3	*
Hip Fracture	4	25.0	5.5	*	25.0	10.3	*	25.0	13.7	*
Sepsis	5	20.0	34.2	*	40.0	42.2	*	40.0	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	50.0	5.3	*	50.0	10.2	*	50.0	13.7	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	44
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	115
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

HICKMAN COUNTY HOSPITAL

Medicare Provider Number: 440014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	276	13.4	11.6	2.4	17.8	17.1	2.4	22.1	21.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	33.6	*	50.0	37.6	*	50.0	42.3	*
Congestive Heart Failure	17	11.8	19.6	*	17.6	30.6	*	23.5	38.9	*
Pneumonia/Influenza	32	21.9	18.3	*	28.1	24.2	*	34.4	28.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.2	*	0.0	9.5	*	0.0	13.8	*
Transient Cerebral Ischemia	7	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke	7	42.9	19.3	*	42.9	26.2	*	57.1	31.2	*
Hip Fracture	9	0.0	6.6	*	11.1	11.4	*	22.2	14.5	*
Sepsis	5	40.0	35.6	*	40.0	42.4	*	40.0	49.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.2	*	0.0	7.8	*	0.0	10.2	*
Open Reduction of Hip Fracture	6	0.0	5.2	*	16.7	9.5	*	33.3	12.4	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	287	8.4	9.1	2.2	11.8	13.8	2.4	15.7	17.8	2.7
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	38.9	*	50.0	42.4	*	62.5	46.8	*
Congestive Heart Failure	21	28.6	17.8	*	28.6	27.3	*	38.1	34.8	*
Pneumonia/Influenza	31	3.2	19.1	*	22.6	25.8	*	29.0	31.2	*
Chronic Obstructive Pulmonary Disease	9	11.1	10.4	*	11.1	16.5	*	11.1	21.3	*
Transient Cerebral Ischemia	9	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	4	25.0	15.3	*	25.0	20.4	*	25.0	24.4	*
Hip Fracture	6	0.0	4.7	*	0.0	8.3	*	0.0	11.0	*
Sepsis	1	0.0	15.0	*	0.0	25.2	*	0.0	31.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	4.2	*	0.0	7.8	*	0.0	10.5	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HIGHLAND HOSPITAL

500 Redbud Dr
Portland, TN 37148

Medicare Provider Number: 440095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	326	9.8	9.8	1.8	14.4	14.9	2.0	17.5	19.1	3.0
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	20.2	*	0.0	23.1	*	0.0	26.3	*
Congestive Heart Failure	23	8.7	13.5	*	13.0	21.3	*	13.0	27.9	*
Pneumonia/Influenza	27	7.4	13.9	*	18.5	19.0	*	22.2	23.6	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.5	*	20.0	17.1	*	20.0	23.5	*
Transient Cerebral Ischemia	8	12.5	1.9	*	12.5	4.4	*	12.5	7.3	*
Stroke	11	27.3	18.8	*	36.4	24.2	*	36.4	28.3	*
Hip Fracture	0									
Sepsis	5	0.0	34.8	*	0.0	43.8	*	20.0	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	5.2	*	0.0	11.2	*	0.0	15.6	*
Hysterectomy	2	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	38
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HIGHLAND HOSPITAL

Medicare Provider Number: 440095

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	453	10.2	9.2	1.5	13.2	14.0	1.7	15.5	17.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	26.6	*	9.1	29.6	*	18.2	33.0	*
Congestive Heart Failure	27	33.3	15.5	*	37.0	23.6	*	44.4	30.3	*
Pneumonia/Influenza	37	10.8	16.7	*	21.6	23.0	*	21.6	27.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.4	*	0.0	5.0	*	0.0	7.2	*
Transient Cerebral Ischemia	18	0.0	2.0	*	0.0	4.3	*	0.0	6.9	*
Stroke	14	42.9	22.6	*	57.1	30.4	*	57.1	35.6	*
Hip Fracture	2	50.0	6.0	*	50.0	10.8	*	50.0	13.8	*
Sepsis	4	0.0	27.8	*	0.0	35.6	*	0.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	7.1	*	100.0	12.6	*	100.0	15.8	*
Open Reduction of Hip Fracture	1	100.0	6.5	*	100.0	11.7	*	100.0	14.8	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.5	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	406	6.7	8.6	2.9	11.8	13.3	3.4	14.5	17.1	3.4
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	36.2	*	20.0	40.1	*	20.0	44.7	*
Congestive Heart Failure	20	0.0	17.1	*	5.0	24.8	*	15.0	31.4	*
Pneumonia/Influenza	30	13.3	19.2	*	26.7	26.6	*	33.3	32.2	*
Chronic Obstructive Pulmonary Disease	1	100.0	24.8	*	100.0	38.4	*	100.0	47.4	*
Transient Cerebral Ischemia	15	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	16	18.8	16.8	*	31.3	22.8	*	31.3	27.4	*
Hip Fracture	4	25.0	13.5	*	25.0	22.1	*	50.0	26.7	*
Sepsis	6	16.7	31.3	*	16.7	37.5	*	16.7	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.8	*	0.0	3.3	*	0.0	4.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	13.7	*	33.3	23.4	*	33.3	28.6	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HILLSIDE HOSPITAL

1265 E College St
Pulaski, TN 38478

Medicare Provider Number: 440020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	658	8.8	10.3	1.8	13.1	15.3	2.3	16.1	19.2	3.1
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	40.9	*	21.1	45.1	*	26.3	49.1	*
Congestive Heart Failure	42	7.1	14.6	*	19.0	22.8	*	21.4	29.5	*
Pneumonia/Influenza	52	3.8	14.7	5.8	5.8	20.0	7.0	5.8	24.2	8.0
Chronic Obstructive Pulmonary Disease	26	11.5	7.3	*	15.4	13.5	*	23.1	18.9	*
Transient Cerebral Ischemia	9	0.0	2.5	*	11.1	5.6	*	22.2	9.2	*
Stroke	13	30.8	27.5	*	46.2	34.9	*	53.8	39.9	*
Hip Fracture	7	0.0	6.2	*	14.3	11.7	*	28.6	15.6	*
Sepsis	10	10.0	21.9	*	20.0	29.5	*	30.0	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Hip Replacement/Reconstruction	2	0.0	4.6	*	50.0	9.0	*	50.0	12.0	*
Open Reduction of Hip Fracture	5	0.0	5.8	*	0.0	11.5	*	20.0	15.7	*
Prostatectomy	5	0.0	1.0	*	0.0	2.7	*	20.0	4.9	*
Cholecystectomy	16	0.0	1.8	*	0.0	3.1	*	0.0	4.0	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	95
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

HILLSIDE HOSPITAL

Medicare Provider Number: 440020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	647	9.3	8.9	1.1	13.0	13.9	1.5	16.4	18.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	30.7	*	40.0	35.7	*	50.0	39.9	*
Congestive Heart Failure	53	17.0	15.2	5.0	22.6	23.6	6.0	24.5	30.4	7.6
Pneumonia/Influenza	58	5.2	14.4	5.7	6.9	19.7	7.0	8.6	23.8	8.1
Chronic Obstructive Pulmonary Disease	14	7.1	4.5	*	14.3	8.7	*	14.3	12.5	*
Transient Cerebral Ischemia	8	12.5	2.1	*	12.5	4.5	*	12.5	7.2	*
Stroke	16	31.3	17.4	*	37.5	24.9	*	50.0	29.8	*
Hip Fracture	1	0.0	4.0	*	0.0	7.8	*	0.0	10.6	*
Sepsis	7	28.6	26.0	*	28.6	36.7	*	28.6	43.2	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.3	*	0.0	5.1	*	0.0	7.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.3	*	0.0	3.5	*	0.0	6.4	*
Cholecystectomy	11	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	740	8.5	9.6	1.2	12.7	14.5	1.6	15.1	18.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	37.5	*	23.5	41.2	*	23.5	45.2	*
Congestive Heart Failure	35	17.1	14.8	*	22.9	22.5	*	31.4	29.1	*
Pneumonia/Influenza	55	9.1	15.5	5.8	10.9	20.8	7.5	10.9	25.2	8.7
Chronic Obstructive Pulmonary Disease	20	5.0	13.1	*	15.0	22.9	*	20.0	30.1	*
Transient Cerebral Ischemia	10	0.0	2.8	*	0.0	6.0	*	10.0	9.5	*
Stroke	13	53.8	22.7	*	53.8	31.9	*	61.5	37.9	*
Hip Fracture	0									
Sepsis	14	14.3	29.0	*	28.6	36.3	*	35.7	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.7	*	0.0	8.0	*	0.0	12.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	11	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	12	0.0	1.7	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	1	0.0	1.7	*	0.0	2.3	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLSTON VALLEY HOSPITAL MEDICAL CENTER

W Ravine St
Kingsport, TN 37662

Medicare Provider Number: 440017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	3,565	8.6	9.2	0.7	13.0	13.7	0.9	16.0	17.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	126	23.8	30.5	8.8	31.0	33.8	9.2	32.5	37.5	8.1
Congestive Heart Failure	164	15.9	15.3	3.0	23.8	23.8	3.3	29.9	30.8	4.0
Pneumonia/Influenza	174	20.1	17.7	4.2	24.7	24.2	3.5	29.3	29.1	3.4
Chronic Obstructive Pulmonary Disease	47	4.3	5.5	*	14.9	10.1	*	19.1	14.3	*
Transient Cerebral Ischemia	52	0.0	1.9	2.4	0.0	4.1	4.2	1.9	6.5	4.8
Stroke	117	23.9	23.7	3.9	28.2	29.4	4.7	30.8	33.9	5.4
Hip Fracture	86	8.1	6.2	3.8	11.6	11.0	4.9	12.8	14.2	6.0
Sepsis	20	35.0	34.8	*	45.0	45.1	*	45.0	52.4	*
PROCEDURES:										
Angioplasty	47	2.1	3.9	*	2.1	4.7	*	2.1	5.8	*
Coronary Artery Bypass Graft	110	0.9	5.7	2.8	0.9	8.0	3.3	0.9	9.6	3.8
Initial Pacemaker Insertion	13	7.7	4.5	*	15.4	8.2	*	15.4	11.4	*
Carotid Endarterectomy	16	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	48	2.1	3.2	*	6.3	5.6	*	6.3	7.4	*
Open Reduction of Hip Fracture	43	11.6	6.2	*	11.6	11.4	*	14.0	14.9	*
Prostatectomy	50	0.0	0.7	*	4.0	1.7	*	4.0	2.9	*
Cholecystectomy	73	1.4	1.8	1.6	4.1	2.6	2.1	4.1	3.3	2.5
Hysterectomy	27	0.0	1.1	*	3.7	2.2	*	11.1	3.4	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	411
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	198
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	348
Licensed Practical Nurses	140

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

** **Not used in calculating hospital mortality rates.**

HOLSTON VALLEY HOSPITAL MEDICAL CENTER

Medicare Provider Number: 440017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,636	8.3	9.0	0.6	12.8	13.4	0.6	16.1	16.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	132	28.0	27.7	4.1	30.3	30.9	4.1	34.1	34.7	4.4
Congestive Heart Failure	167	16.8	15.2	3.1	25.1	22.9	3.9	33.5	29.5	6.5
Pneumonia/Influenza	155	17.4	17.4	3.2	23.9	23.7	3.8	29.0	28.4	5.1
Chronic Obstructive Pulmonary Disease	37	5.4	8.1	*	8.1	14.4	*	18.9	19.4	*
Transient Cerebral Ischemia	47	0.0	1.8	*	4.3	3.9	*	6.4	6.1	*
Stroke	121	19.8	21.0	4.2	25.6	27.1	5.1	28.9	31.7	5.2
Hip Fracture	92	6.5	6.5	3.0	8.7	12.1	4.9	14.1	15.7	4.8
Sepsis	26	34.6	34.5	*	46.2	42.7	*	46.2	49.1	*
PROCEDURES:										
Angioplasty	35	0.0	3.2	*	0.0	3.9	*	0.0	4.8	*
Coronary Artery Bypass Graft	103	3.9	6.0	3.1	3.9	8.1	4.3	4.9	9.4	4.6
Initial Pacemaker Insertion	2	0.0	5.4	*	0.0	9.6	*	0.0	12.5	*
Carotid Endarterectomy	15	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	46	2.2	3.8	*	4.3	7.3	*	6.5	9.6	*
Open Reduction of Hip Fracture	44	9.1	6.2	*	11.4	11.9	*	20.5	15.6	*
Prostatectomy	62	1.6	0.8	1.3	1.6	2.1	2.3	4.8	3.7	3.0
Cholecystectomy	76	2.6	2.7	1.9	5.3	4.8	3.0	5.3	6.3	3.5
Hysterectomy	28	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,259	8.9	9.7	0.8	14.3	14.4	1.1	17.8	18.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	146	19.9	29.0	5.4	24.0	32.2	5.4	25.3	35.8	6.2
Congestive Heart Failure	140	20.0	16.4	5.3	31.4	24.7	6.9	36.4	31.6	5.6
Pneumonia/Influenza	138	12.3	16.2	5.7	21.0	22.2	4.5	27.5	27.1	4.1
Chronic Obstructive Pulmonary Disease	43	16.3	7.3	*	27.9	13.1	*	32.6	17.8	*
Transient Cerebral Ischemia	31	0.0	1.6	*	3.2	3.4	*	9.7	5.3	*
Stroke	98	22.4	24.0	4.9	26.5	30.0	6.8	30.6	34.6	6.7
Hip Fracture	78	11.5	7.3	4.4	14.1	12.8	3.9	15.4	16.3	4.5
Sepsis	30	33.3	33.3	*	40.0	44.3	*	43.3	52.1	*
PROCEDURES:										
Angioplasty	26	0.0	4.1	*	0.0	4.9	*	0.0	5.9	*
Coronary Artery Bypass Graft	111	2.7	6.0	2.9	2.7	7.8	3.3	2.7	9.0	3.7
Initial Pacemaker Insertion	16	12.5	5.2	*	12.5	9.4	*	12.5	13.2	*
Carotid Endarterectomy	14	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	31	6.5	4.5	*	6.5	8.0	*	6.5	10.3	*
Open Reduction of Hip Fracture	31	12.9	6.9	*	12.9	12.4	*	16.1	15.8	*
Prostatectomy	38	0.0	1.4	*	2.6	3.5	*	5.3	6.1	*
Cholecystectomy	75	4.0	2.2	2.9	6.7	3.7	4.3	8.0	4.8	4.8
Hysterectomy	31	0.0	1.1	*	0.0	2.3	*	3.2	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HUMANA HOSPITAL EAST RIDGE

941 Spring Creek Rd
Chattanooga, TN 37412

Medicare Provider Number: 440178

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	674	10.8	11.8	1.5	16.6	16.8	2.1	19.0	20.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	21	47.6	26.6	*	57.1	29.1	*	57.1	32.1	*
Congestive Heart Failure	32	9.4	12.2	*	9.4	18.8	*	15.6	24.4	*
Pneumonia/Influenza	17	11.8	15.4	*	11.8	20.5	*	11.8	24.9	*
Chronic Obstructive Pulmonary Disease	11	18.2	6.6	*	36.4	11.5	*	36.4	15.7	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.1	*	0.0	6.3	*
Stroke	34	14.7	19.2	*	23.5	25.1	*	23.5	29.1	*
Hip Fracture	19	5.3	6.5	*	10.5	11.3	*	21.1	14.5	*
Sepsis	13	38.5	35.9	*	38.5	44.6	*	38.5	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	8.0	*	0.0	10.6	*	0.0	12.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.8	*	0.0	10.3	*	0.0	13.7	*
Open Reduction of Hip Fracture	17	5.9	5.4	*	11.8	10.0	*	23.5	13.2	*
Prostatectomy	18	0.0	1.2	*	0.0	3.0	*	0.0	5.0	*
Cholecystectomy	16	6.3	3.2	*	18.8	5.5	*	18.8	6.9	*
Hysterectomy	10	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	54
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	262
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	143
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL EAST RIDGE

Medicare Provider Number: 440178

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	677	7.2	8.4	1.2	11.1	12.9	1.8	13.6	16.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	20	10.0	24.1	*	15.0	26.7	*	20.0	29.8	*
Congestive Heart Failure	31	12.9	15.6	*	25.8	23.8	*	29.0	30.3	*
Pneumonia/Influenza	34	23.5	19.6	*	26.5	26.0	*	35.3	30.8	*
Chronic Obstructive Pulmonary Disease	15	6.7	6.8	*	20.0	11.8	*	20.0	16.2	*
Transient Cerebral Ischemia	9	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke	19	21.1	15.7	*	21.1	22.9	*	21.1	27.5	*
Hip Fracture	29	0.0	7.5	*	0.0	13.3	*	3.4	16.9	*
Sepsis	5	60.0	28.4	*	60.0	36.3	*	60.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.4	*	0.0	4.2	*	0.0	6.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	6.3	*	9.1	11.8	*	9.1	15.2	*
Open Reduction of Hip Fracture	17	0.0	6.2	*	0.0	11.6	*	5.9	15.3	*
Prostatectomy	17	0.0	1.2	*	0.0	3.1	*	0.0	5.2	*
Cholecystectomy	10	10.0	2.9	*	10.0	4.7	*	10.0	5.6	*
Hysterectomy	5	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	708	9.6	9.0	1.2	13.1	13.0	1.3	15.8	16.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	28.2	*	33.3	31.1	*	41.7	34.0	*
Congestive Heart Failure	24	16.7	15.1	*	29.2	23.6	*	37.5	30.5	*
Pneumonia/Influenza	42	19.0	16.0	*	26.2	21.4	*	26.2	25.8	*
Chronic Obstructive Pulmonary Disease	15	13.3	10.1	*	26.7	17.1	*	33.3	22.2	*
Transient Cerebral Ischemia	9	0.0	1.2	*	0.0	2.5	*	0.0	4.0	*
Stroke	32	25.0	16.6	*	34.4	24.0	*	40.6	28.4	*
Hip Fracture	18	5.6	7.7	*	11.1	13.7	*	11.1	17.7	*
Sepsis	4	50.0	42.6	*	75.0	48.6	*	75.0	55.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.0	*	0.0	5.4	*	0.0	7.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	10.1	*	40.0	17.9	*	40.0	22.6	*
Open Reduction of Hip Fracture	13	0.0	5.7	*	0.0	10.9	*	0.0	14.5	*
Prostatectomy	13	7.7	2.2	*	7.7	4.8	*	7.7	7.2	*
Cholecystectomy	11	0.0	1.3	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy	6	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

941 Spring Creek Road
East Ridge, Tennessee
37412
Telephone 615 894-7870

**Humana Hospital
East Ridge**

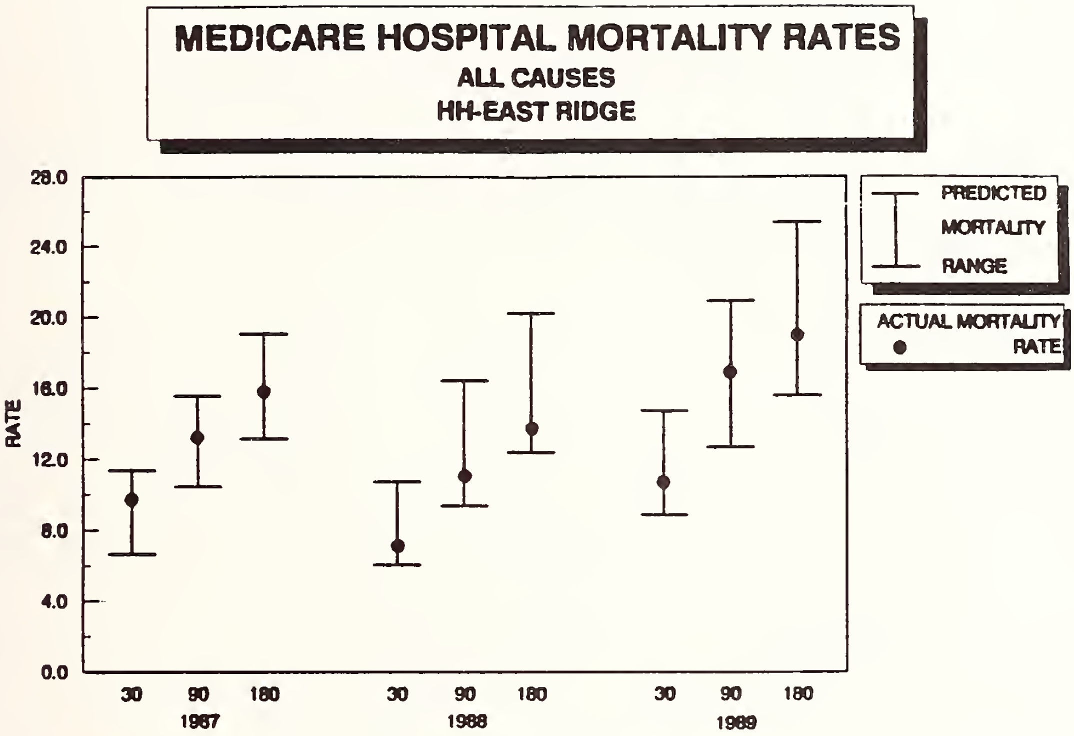
January 3, 1991 Medicare Provider #440178

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-East Ridge. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers in understanding the data for Humana Hospital-East Ridge, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically on the following page.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.

HUMANA HOSPITAL MCFARLAND

500 Park Ave
Lebanon, TN 37087

Medicare Provider Number: 440136

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	886	7.9	9.4	1.2	10.9	14.2	1.6	14.8	17.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	25.0	*	37.5	27.8	*	43.8	31.2	*
Congestive Heart Failure	46	8.7	14.8	*	10.9	23.0	*	15.2	29.9	*
Pneumonia/Influenza	38	13.2	19.0	*	15.8	25.5	*	23.7	30.5	*
Chronic Obstructive Pulmonary Disease	24	0.0	6.8	*	4.2	12.5	*	12.5	17.6	*
Transient Cerebral Ischemia	21	0.0	2.0	*	4.8	4.6	*	9.5	7.4	*
Stroke	57	10.5	21.6	7.5	15.8	28.6	8.4	26.3	33.3	7.4
Hip Fracture	51	2.0	6.4	4.4	3.9	11.5	6.5	7.8	14.7	7.0
Sepsis	11	63.6	38.3	*	63.6	44.0	*	63.6	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	16.7	5.4	*	25.0	10.0	*	33.3	14.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	5.0	4.3	*	5.0	7.9	*	10.0	10.3	*
Open Reduction of Hip Fracture	24	0.0	5.8	*	4.2	11.0	*	8.3	14.5	*
Prostatectomy	24	0.0	1.6	*	8.3	3.9	*	12.5	6.7	*
Cholecystectomy	17	0.0	3.4	*	11.8	6.4	*	11.8	8.5	*
Hysterectomy	5	0.0	0.9	*	0.0	1.9	*	20.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	159
Occupancy Rate	46
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	55
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	84
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL MCFARLAND

Medicare Provider Number: 440136

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,125	9.0	8.6	1.3	12.7	13.4	1.2	15.6	17.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	26	53.8	29.0	*	61.5	32.7	*	73.1	36.6	*
Congestive Heart Failure	74	14.9	16.2	4.6	25.7	25.1	9.0	25.7	31.9	8.7
Pneumonia/Influenza	57	7.0	18.2	7.6	15.8	24.9	8.1	22.8	30.0	7.0
Chronic Obstructive Pulmonary Disease	22	4.5	5.6	*	13.6	11.3	*	18.2	16.6	*
Transient Cerebral Ischemia	29	3.4	1.6	*	6.9	3.5	*	6.9	5.4	*
Stroke	48	29.2	23.1	*	33.3	31.3	*	33.3	36.7	*
Hip Fracture	43	4.7	6.4	*	7.0	11.6	*	7.0	14.7	*
Sepsis	8	25.0	35.0	*	25.0	42.1	*	25.0	48.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.4	*	0.0	8.1	*	0.0	11.6	*
Carotid Endarterectomy	2	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	33	9.1	3.6	*	9.1	7.3	*	9.1	9.9	*
Open Reduction of Hip Fracture	23	4.3	6.1	*	8.7	11.5	*	8.7	15.0	*
Prostatectomy	24	0.0	1.1	*	0.0	2.5	*	4.2	4.0	*
Cholecystectomy	11	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	8	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,211	7.4	7.3	0.8	11.6	11.3	1.3	15.9	14.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	31.7	*	29.6	34.7	*	33.3	38.2	*
Congestive Heart Failure	67	11.9	14.6	5.1	26.9	22.8	6.7	32.8	29.5	7.3
Pneumonia/Influenza	68	16.2	17.4	5.2	23.5	23.7	5.6	38.2	28.6	7.1
Chronic Obstructive Pulmonary Disease	31	6.5	5.1	*	6.5	10.5	*	9.7	15.6	*
Transient Cerebral Ischemia	39	0.0	1.7	*	0.0	3.6	*	0.0	5.8	*
Stroke	40	17.5	22.2	*	35.0	29.2	*	35.0	34.2	*
Hip Fracture	40	2.5	6.3	*	5.0	11.7	*	10.0	15.2	*
Sepsis	3	33.3	28.8	*	33.3	37.0	*	33.3	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.7	*	16.7	7.6	*	16.7	11.9	*
Carotid Endarterectomy	4	0.0	2.4	*	0.0	5.3	*	25.0	7.8	*
Hip Replacement/Reconstruction	23	0.0	3.5	*	0.0	7.1	*	4.3	9.8	*
Open Reduction of Hip Fracture	19	5.3	6.4	*	5.3	12.0	*	5.3	15.6	*
Prostatectomy	41	0.0	1.6	*	0.0	3.7	*	7.3	6.0	*
Cholecystectomy	22	0.0	1.4	*	4.5	2.5	*	4.5	3.4	*
Hysterectomy	14	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HUMANA HOSPITAL MORRISTOWN

726 McFarland St
Morristown, TN 37814

Medicare Provider Number: 440067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	703	8.8	8.9	1.1	13.1	13.1	1.7	15.8	16.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	20	10.0	28.8	*	20.0	31.5	*	20.0	34.8	*
Congestive Heart Failure	48	12.5	13.3	*	27.1	21.3	*	29.2	28.0	*
Pneumonia/Influenza	18	11.1	12.1	*	16.7	17.2	*	22.2	21.0	*
Chronic Obstructive Pulmonary Disease	29	3.4	4.7	*	10.3	8.5	*	13.8	11.9	*
Transient Cerebral Ischemia	19	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke	33	21.2	20.2	*	24.2	26.3	*	27.3	30.8	*
Hip Fracture	12	0.0	5.9	*	0.0	10.4	*	0.0	13.5	*
Sepsis	10	10.0	29.8	*	20.0	36.8	*	30.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	3.8	*	0.0	7.3	*	0.0	9.7	*
Open Reduction of Hip Fracture	6	0.0	5.0	*	0.0	8.8	*	0.0	11.3	*
Prostatectomy	27	3.7	0.7	*	7.4	1.7	*	7.4	2.9	*
Cholecystectomy	11	9.1	1.8	*	9.1	2.9	*	9.1	3.7	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	135
Occupancy Rate	42
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUMANA HOSPITAL MORRISTOWN

Medicare Provider Number: 440067

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	717	8.6	7.7	1.9	13.7	11.9	2.0	16.7	15.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	26.3	*	36.8	29.4	*	42.1	33.0	*
Congestive Heart Failure	31	12.9	13.5	*	19.4	20.9	*	29.0	27.3	*
Pneumonia/Influenza	35	8.6	13.9	*	11.4	19.3	*	14.3	23.8	*
Chronic Obstructive Pulmonary Disease	42	0.0	3.5	*	0.0	7.1	*	4.8	10.3	*
Transient Cerebral Ischemia	27	0.0	2.1	*	0.0	4.7	*	11.1	7.5	*
Stroke	21	23.8	23.4	*	38.1	31.0	*	47.6	36.4	*
Hip Fracture	25	4.0	7.8	*	12.0	13.8	*	12.0	17.4	*
Sepsis	3	33.3	40.9	*	33.3	46.3	*	33.3	52.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	8.7	*	50.0	11.0	*	50.0	13.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	7.1	7.6	*	14.3	14.2	*	14.3	18.3	*
Open Reduction of Hip Fracture	12	8.3	6.0	*	25.0	10.7	*	25.0	13.7	*
Prostatectomy	23	0.0	0.7	*	4.3	1.7	*	4.3	2.8	*
Cholecystectomy	15	0.0	1.2	*	6.7	2.0	*	6.7	2.8	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	712	7.9	6.7	1.4	13.1	10.3	1.9	16.0	13.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	33.1	*	43.8	36.5	*	43.8	40.0	*
Congestive Heart Failure	28	21.4	14.7	*	35.7	23.0	*	35.7	29.9	*
Pneumonia/Influenza	32	9.4	14.2	*	12.5	19.2	*	12.5	23.6	*
Chronic Obstructive Pulmonary Disease	27	3.7	4.6	*	7.4	9.0	*	11.1	13.0	*
Transient Cerebral Ischemia	43	4.7	1.8	*	4.7	4.0	*	9.3	6.4	*
Stroke	30	26.7	18.1	*	36.7	23.5	*	36.7	27.9	*
Hip Fracture	19	5.3	5.5	*	10.5	9.8	*	15.8	12.6	*
Sepsis	2	50.0	24.8	*	50.0	30.1	*	50.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	1.6	*	100.0	3.3	*	100.0	5.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	4.6	*	20.0	8.1	*	20.0	10.4	*
Open Reduction of Hip Fracture	9	0.0	4.7	*	0.0	9.1	*	0.0	12.0	*
Prostatectomy	41	2.4	0.5	*	7.3	1.1	*	7.3	1.8	*
Cholecystectomy	7	14.3	1.9	*	14.3	2.9	*	14.3	3.6	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

389.1

726 McFarland Street
Morristown, Tennessee
37814
Telephone 615 586-2302

**Humana Hospital
Morristown**

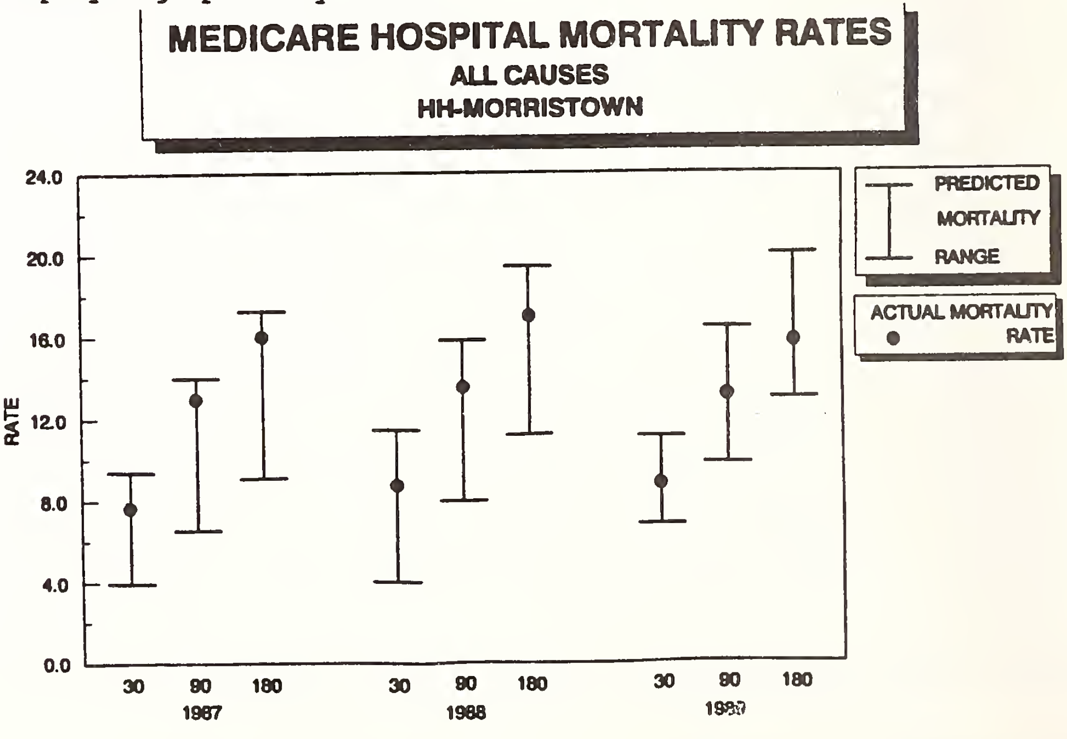
January 2, 1991

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Morristown. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. (To aid readers, in understanding the data for Humana Hospital - Morristown, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989.) The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standards deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Morristown, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

Stephen L Taylor

Stephen L. Taylor
Executive Director

SLT/mcs

HUMBOLDT GENERAL HOSPITAL INC

3525 Chere Carol Rd
Humboldt, TN 38343

Medicare Provider Number: 440115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	336	11.6	9.5	3.0	16.4	14.4	3.3	20.2	18.4	3.2
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	23.6	*	28.6	26.4	*	28.6	29.6	*
Congestive Heart Failure	34	11.8	12.7	*	17.6	20.3	*	17.6	26.7	*
Pneumonia/Influenza	39	12.8	12.4	*	17.9	16.9	*	20.5	20.9	*
Chronic Obstructive Pulmonary Disease	7	14.3	5.6	*	28.6	11.4	*	28.6	16.7	*
Transient Cerebral Ischemia	15	0.0	2.4	*	6.7	5.8	*	6.7	9.4	*
Stroke	10	30.0	19.9	*	30.0	26.1	*	40.0	30.4	*
Hip Fracture	1	0.0	3.8	*	0.0	7.3	*	0.0	9.8	*
Sepsis	12	25.0	23.3	*	50.0	31.7	*	50.0	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.6	*	0.0	7.1	*	0.0	9.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	11	0.0	2.9	*	0.0	5.0	*	9.1	6.6	*
Hysterectomy	0									

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	62
Occupancy Rate	34
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

HUMBOLDT GENERAL HOSPITAL INC

Medicare Provider Number: 440115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	326	8.0	9.7	2.4	15.6	14.8	2.1	18.7	18.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	29.6	*	46.2	33.5	*	53.8	37.6	*
Congestive Heart Failure	24	16.7	16.2	*	37.5	25.0	*	50.0	32.1	*
Pneumonia/Influenza	37	2.7	16.1	*	10.8	22.1	*	10.8	26.8	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.3	*	40.0	11.3	*	40.0	16.7	*
Transient Cerebral Ischemia	10	0.0	2.3	*	0.0	5.2	*	0.0	8.3	*
Stroke	12	25.0	23.1	*	58.3	31.1	*	58.3	36.4	*
Hip Fracture	3	0.0	4.0	*	33.3	8.2	*	33.3	11.4	*
Sepsis	3	0.0	37.0	*	33.3	47.7	*	66.7	54.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.3	*	0.0	8.9	*	0.0	12.0	*
Open Reduction of Hip Fracture	2	0.0	3.2	*	50.0	6.9	*	50.0	10.2	*
Prostatectomy	0									
Cholecystectomy	7	0.0	2.2	*	0.0	4.2	*	0.0	5.6	*
Hysterectomy	0									

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	290	11.7	9.9	2.1	16.9	14.8	2.4	19.7	18.8	3.8
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	32.6	*	33.3	36.2	*	33.3	40.6	*
Congestive Heart Failure	29	10.3	14.4	*	27.6	21.9	*	41.4	28.6	*
Pneumonia/Influenza	36	13.9	16.2	*	27.8	22.1	*	27.8	27.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.6	*	20.0	9.5	*	20.0	13.1	*
Transient Cerebral Ischemia	7	0.0	1.7	*	0.0	3.8	*	0.0	5.9	*
Stroke	19	42.1	20.9	*	42.1	28.4	*	52.6	33.5	*
Hip Fracture	6	16.7	5.0	*	16.7	9.6	*	16.7	12.8	*
Sepsis	1	0.0	23.0	*	0.0	28.8	*	0.0	32.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	16.7	4.3	*	16.7	8.7	*	16.7	11.8	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.6	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	1	0.0	0.4	*	0.0	0.6	*	0.0	0.7	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

INDIAN PATH HOSPITAL

2000 Brookside Rd
Kingsport, TN 37660

Medicare Provider Number: 440176

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,264	7.8	8.3	0.7	13.1	12.6	1.1	15.8	16.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	78	32.1	28.1	6.6	38.5	31.2	7.9	42.3	34.6	9.8
Congestive Heart Failure	99	16.2	14.2	3.9	26.3	22.7	6.3	32.3	29.4	7.6
Pneumonia/Influenza	121	11.6	15.9	4.0	24.0	22.0	4.1	25.6	26.5	4.1
Chronic Obstructive Pulmonary Disease	29	3.4	4.3	*	6.9	7.8	*	10.3	11.0	*
Transient Cerebral Ischemia	30	0.0	1.8	*	0.0	4.0	*	3.3	6.4	*
Stroke	80	15.0	21.6	7.0	23.7	28.6	6.8	27.5	33.3	6.6
Hip Fracture	41	9.8	6.1	*	14.6	10.8	*	17.1	14.0	*
Sepsis	52	13.5	22.3	8.2	21.2	30.8	10.6	25.0	36.6	10.4
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.6	*	12.5	5.2	*	12.5	7.8	*
Carotid Endarterectomy	18	5.6	1.2	*	5.6	2.2	*	5.6	3.1	*
Hip Replacement/Reconstruction	27	11.1	3.4	*	11.1	6.4	*	11.1	8.5	*
Open Reduction of Hip Fracture	18	5.6	5.0	*	11.1	9.1	*	11.1	11.9	*
Prostatectomy	62	0.0	0.6	1.3	0.0	1.6	2.8	3.2	2.7	2.7
Cholecystectomy	54	3.7	2.2	2.5	3.7	3.8	2.6	3.7	4.7	3.1
Hysterectomy	26	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	233
Occupancy Rate	60
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	160
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	130
Licensed Practical Nurses	85

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

INDIAN PATH HOSPITAL

Medicare Provider Number: 440176

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,152	8.2	6.9	0.8	13.4	10.8	1.0	16.7	14.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	60	33.3	25.8	7.6	41.7	29.6	8.3	43.3	33.4	8.8
Congestive Heart Failure	95	16.8	13.0	4.8	26.3	20.7	6.2	36.8	27.4	8.3
Pneumonia/Influenza	106	18.9	14.9	7.1	24.5	21.2	6.5	28.3	26.2	5.0
Chronic Obstructive Pulmonary Disease	20	15.0	4.2	*	20.0	7.8	*	25.0	11.0	*
Transient Cerebral Ischemia	36	2.8	1.5	*	5.6	3.2	*	5.6	5.0	*
Stroke	81	16.0	18.0	4.5	25.9	24.5	5.0	29.6	29.2	5.7
Hip Fracture	51	2.0	3.9	6.8	11.8	7.6	7.0	13.7	10.2	6.4
Sepsis	39	17.9	20.1	*	23.1	29.0	*	33.3	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.0	*	0.0	7.1	*	0.0	9.4	*
Carotid Endarterectomy	14	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	22	4.5	2.3	*	13.6	4.6	*	13.6	6.3	*
Open Reduction of Hip Fracture	29	0.0	3.4	*	10.3	7.1	*	13.8	9.8	*
Prostatectomy	45	0.0	0.7	*	6.7	1.9	*	6.7	3.3	*
Cholecystectomy	50	2.0	1.6	*	6.0	2.8	*	6.0	3.6	*
Hysterectomy	17	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,205	8.4	7.0	0.7	12.9	10.9	0.8	16.5	14.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	74	40.5	25.4	8.2	43.2	28.5	8.0	44.6	32.0	7.9
Congestive Heart Failure	98	18.4	12.8	6.3	24.5	20.5	6.7	28.6	27.0	4.9
Pneumonia/Influenza	105	15.2	15.3	3.8	26.7	21.4	5.6	33.3	26.1	6.7
Chronic Obstructive Pulmonary Disease	26	23.1	6.8	*	23.1	12.7	*	26.9	17.4	*
Transient Cerebral Ischemia	41	2.4	1.4	*	4.9	2.9	*	9.8	4.5	*
Stroke	68	17.6	18.0	5.5	22.1	24.5	5.6	25.0	28.9	6.6
Hip Fracture	42	2.4	3.9	*	7.1	7.5	*	11.9	10.0	*
Sepsis	42	16.7	21.4	*	16.7	29.5	*	19.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.6	*	11.1	8.0	*	11.1	12.5	*
Carotid Endarterectomy	13	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	32	0.0	1.6	*	0.0	3.4	*	0.0	4.8	*
Open Reduction of Hip Fracture	23	4.3	4.0	*	13.0	8.0	*	21.7	10.9	*
Prostatectomy	82	1.2	0.7	1.0	1.2	1.6	1.5	2.4	2.8	1.8
Cholecystectomy	61	3.3	2.1	2.2	3.3	3.4	2.4	3.3	4.3	2.8
Hysterectomy	15	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JACKSON COUNTY HOSPITAL

620 Hospital Dr
Gainesboro, TN 38562

Medicare Provider Number: 440087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	267	5.2	7.5	3.6	13.9	11.8	2.7	19.9	15.4	3.2
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	33.1	*	60.0	36.0	*	60.0	39.2	*
Congestive Heart Failure	14	21.4	15.9	*	35.7	23.9	*	35.7	30.6	*
Pneumonia/Influenza	33	0.0	13.2	*	21.2	20.3	*	30.3	25.2	*
Chronic Obstructive Pulmonary Disease	15	0.0	4.9	*	6.7	10.6	*	6.7	15.9	*
Transient Cerebral Ischemia	0									
Stroke	7	14.3	12.6	*	28.6	18.7	*	42.9	22.7	*
Hip Fracture	0									
Sepsis	5	0.0	15.9	*	20.0	21.0	*	40.0	26.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	41
Occupancy Rate	39
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	25
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JACKSON COUNTY HOSPITAL

Medicare Provider Number: 440087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	324	9.0	7.1	1.6	11.7	11.3	1.8	13.9	14.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	34.8	*	50.0	42.9	*	50.0	47.7	*
Congestive Heart Failure	11	27.3	14.7	*	36.4	23.9	*	36.4	31.8	*
Pneumonia/Influenza	43	9.3	11.4	*	11.6	16.4	*	14.0	20.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	3.6	*	11.1	7.8	*	11.1	12.0	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.8	*	0.0	6.1	*
Stroke	17	23.5	19.5	*	29.4	28.5	*	47.1	34.2	*
Hip Fracture	0									
Sepsis	3	66.7	34.4	*	66.7	40.5	*	66.7	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	337	5.3	6.2	1.5	9.5	9.9	1.7	13.4	12.9	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	25.2	*	11.1	29.7	*	22.2	33.0	*
Congestive Heart Failure	10	10.0	13.4	*	20.0	20.4	*	20.0	26.6	*
Pneumonia/Influenza	41	17.1	14.6	*	24.4	21.1	*	26.8	25.8	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.1	*	0.0	8.8	*	11.1	13.2	*
Transient Cerebral Ischemia	8	0.0	3.1	*	0.0	7.7	*	0.0	12.5	*
Stroke	3	33.3	15.0	*	33.3	22.0	*	66.7	26.5	*
Hip Fracture	2	0.0	1.8	*	0.0	3.6	*	0.0	5.1	*
Sepsis	3	33.3	16.3	*	33.3	21.9	*	33.3	26.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JACKSON-MADISON COUNTY GENERAL HOSPITAL

708 W Forest
Jackson, TN 38301

Medicare Provider Number: 440002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,493	9.2	8.8	0.5	14.3	13.4	0.7	17.9	17.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	239	27.6	28.0	3.6	30.5	31.0	3.1	31.4	34.4	3.3
Congestive Heart Failure	188	24.5	15.6	4.3	31.9	24.1	4.4	41.0	31.1	5.1
Pneumonia/Influenza	152	16.4	17.0	3.2	25.0	23.3	4.3	28.3	28.1	3.8
Chronic Obstructive Pulmonary Disease	100	10.0	6.3	3.8	16.0	11.8	5.0	22.0	16.8	4.6
Transient Cerebral Ischemia	102	2.0	1.7	1.5	2.9	3.8	3.1	8.8	6.1	3.0
Stroke	197	23.9	21.5	5.6	30.5	27.7	5.6	36.0	32.2	6.6
Hip Fracture	135	6.7	6.4	2.3	9.6	11.4	3.2	14.1	14.7	3.1
Sepsis	39	38.5	28.6	*	51.3	38.5	*	59.0	45.4	*
PROCEDURES:										
Angioplasty	61	4.9	5.7	3.1	4.9	6.8	3.6	4.9	8.2	4.5
Coronary Artery Bypass Graft	141	4.3	7.1	3.2	6.4	9.2	3.2	7.8	10.6	3.2
Initial Pacemaker Insertion	110	1.8	3.9	2.7	4.5	6.9	3.7	8.2	9.7	3.8
Carotid Endarterectomy	40	0.0	1.4	*	2.5	2.7	*	5.0	4.0	*
Hip Replacement/Reconstruction	69	7.2	4.6	3.5	10.1	8.4	3.6	13.0	11.0	4.8
Open Reduction of Hip Fracture	71	5.6	5.7	3.5	9.9	10.7	3.9	14.1	14.2	4.6
Prostatectomy	247	2.0	0.8	1.3	4.0	2.0	1.9	4.9	3.5	1.8
Cholecystectomy	126	0.8	2.6	1.7	2.4	4.8	2.5	4.8	6.5	3.1
Hysterectomy	44	2.3	0.6	*	2.3	1.4	*	2.3	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	662
Occupancy Rate	62
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	152
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	444
Licensed Practical Nurses	187

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JACKSON-MADISON COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	5,635	9.2	8.8	0.5	13.9	13.5	0.5	17.2	17.3	0.5
CONDITIONS:										
Acute Myocardial Infarction	201	30.8	28.9	3.8	36.3	32.1	4.9	37.3	35.7	3.9
Congestive Heart Failure	196	20.4	16.8	4.7	30.1	25.8	5.1	35.7	33.1	4.0
Pneumonia/Influenza	122	13.9	17.7	5.6	20.5	24.1	5.9	25.4	29.0	6.2
Chronic Obstructive Pulmonary Disease	89	7.9	7.8	2.9	15.7	13.5	4.1	23.6	18.1	7.0
Transient Cerebral Ischemia	104	2.9	1.9	1.8	6.7	4.1	3.7	10.6	6.4	5.5
Stroke	212	26.4	22.2	4.4	37.3	28.8	5.3	39.6	33.5	4.7
Hip Fracture	113	8.0	6.1	2.6	8.8	11.1	3.3	10.6	14.3	4.4
Sepsis	33	27.3	27.9	*	39.4	36.7	*	45.5	42.8	*
PROCEDURES:										
Angioplasty	55	7.3	5.7	4.9	9.1	6.7	4.7	9.1	7.9	4.1
Coronary Artery Bypass Graft	146	6.8	6.5	2.2	12.3	8.7	3.7	13.0	10.2	3.8
Initial Pacemaker Insertion	96	0.0	4.1	4.1	3.1	7.0	3.7	4.2	9.8	4.7
Carotid Endarterectomy	43	0.0	1.6	*	2.3	3.1	*	2.3	4.5	*
Hip Replacement/Reconstruction	69	4.3	3.8	2.6	4.3	7.4	4.3	8.7	9.9	4.6
Open Reduction of Hip Fracture	72	5.6	5.0	2.7	6.9	9.7	4.3	6.9	12.8	5.8
Prostatectomy	219	0.5	1.2	1.0	2.7	3.0	1.8	3.2	4.9	2.7
Cholecystectomy	124	1.6	2.2	1.4	4.0	4.0	2.0	4.8	5.3	2.0
Hysterectomy	44	2.3	1.5	*	6.8	2.5	*	6.8	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	5,305	9.1	9.0	0.6	13.9	13.8	0.6	17.3	17.5	0.6
CONDITIONS:										
Acute Myocardial Infarction	173	36.4	31.0	4.5	42.8	34.3	5.3	45.7	37.8	5.3
Congestive Heart Failure	148	23.0	16.5	4.7	29.7	25.3	5.3	39.9	32.4	5.9
Pneumonia/Influenza	135	14.8	17.7	4.6	23.0	23.9	4.0	26.7	28.9	5.4
Chronic Obstructive Pulmonary Disease	86	10.5	6.9	4.7	16.3	12.8	5.7	19.8	17.9	5.0
Transient Cerebral Ischemia	94	1.1	1.8	1.5	2.1	3.7	2.4	4.3	5.8	2.7
Stroke	194	20.1	22.8	3.7	29.9	29.4	3.3	33.5	34.1	3.8
Hip Fracture	142	7.0	6.5	2.2	11.3	11.9	2.8	15.5	15.6	3.2
Sepsis	27	29.6	37.6	*	44.4	48.9	*	44.4	56.9	*
PROCEDURES:										
Angioplasty	56	7.1	5.4	4.0	7.1	6.4	3.3	7.1	7.8	3.9
Coronary Artery Bypass Graft	117	10.3	6.2	3.7	17.1	8.7	4.5	17.9	10.1	4.8
Initial Pacemaker Insertion	116	0.9	3.8	2.9	0.9	7.4	5.5	3.4	10.6	5.2
Carotid Endarterectomy	37	2.7	1.7	*	10.8	3.2	*	13.5	4.6	*
Hip Replacement/Reconstruction	92	0.0	4.5	5.0	2.2	8.4	7.0	7.6	11.0	4.9
Open Reduction of Hip Fracture	70	10.0	5.5	4.8	17.1	10.5	6.6	20.0	13.9	7.7
Prostatectomy	231	2.6	1.2	1.1	4.3	3.0	1.7	6.9	5.0	2.0
Cholecystectomy	110	3.6	2.1	2.0	3.6	3.5	1.9	5.5	4.6	2.1
Hysterectomy	48	2.1	0.6	*	4.2	1.3	*	4.2	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JEFFERSON COUNTY MEMORIAL HOSPITAL

501 Bishop St
Jefferson City, TN 37760

Medicare Provider Number: 440056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	678	11.1	7.8	1.7	14.2	11.7	1.6	17.3	15.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	13	53.8	32.0	*	53.8	37.2	*	53.8	42.5	*
Congestive Heart Failure	33	24.2	12.8	*	27.3	19.9	*	27.3	25.9	*
Pneumonia/Influenza	81	21.0	14.9	7.7	25.9	20.5	8.7	29.6	24.9	8.1
Chronic Obstructive Pulmonary Disease	16	0.0	5.6	*	12.5	10.2	*	12.5	14.3	*
Transient Cerebral Ischemia	16	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	18	27.8	19.9	*	27.8	26.2	*	27.8	30.6	*
Hip Fracture	1	0.0	2.8	*	0.0	5.4	*	0.0	7.7	*
Sepsis	3	33.3	25.1	*	33.3	31.9	*	33.3	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	16	0.0	1.7	*	0.0	3.2	*	0.0	4.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	91
Occupancy Rate	40
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	31

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JEFFERSON COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 440056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	654	10.9	7.4	1.3	14.5	11.3	1.4	18.7	14.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	31.5	*	44.4	34.9	*	50.0	38.6	*
Congestive Heart Failure	24	12.5	18.3	*	16.7	28.4	*	25.0	36.5	*
Pneumonia/Influenza	64	18.8	15.7	5.5	20.3	21.5	5.6	26.6	26.1	5.8
Chronic Obstructive Pulmonary Disease	20	10.0	6.8	*	10.0	11.2	*	15.0	15.1	*
Transient Cerebral Ischemia	17	5.9	2.1	*	5.9	4.8	*	11.8	7.7	*
Stroke	17	41.2	20.3	*	41.2	27.5	*	41.2	32.6	*
Hip Fracture	1	0.0	2.6	*	0.0	5.5	*	0.0	8.2	*
Sepsis	1	100.0	58.5	*	100.0	65.6	*	100.0	72.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	10.0	1.2	*	10.0	2.1	*	10.0	2.8	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	665	8.6	7.6	2.0	13.1	11.2	2.5	15.8	14.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	35.6	*	33.3	39.3	*	33.3	43.1	*
Congestive Heart Failure	25	24.0	13.8	*	32.0	20.3	*	40.0	26.1	*
Pneumonia/Influenza	45	11.1	15.9	*	13.3	21.5	*	17.8	26.2	*
Chronic Obstructive Pulmonary Disease	15	0.0	6.8	*	6.7	12.4	*	13.3	16.9	*
Transient Cerebral Ischemia	19	5.3	2.3	*	10.5	5.1	*	15.8	8.1	*
Stroke	24	20.8	26.7	*	37.5	33.2	*	41.7	37.9	*
Hip Fracture	0									
Sepsis	4	0.0	24.7	*	0.0	28.9	*	0.0	33.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	12	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JELLICO COMMUNITY HOSPITAL

Rt 1 Box 197
Jellico, TN 37762

Medicare Provider Number: 440180

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	388	10.8	10.5	1.8	14.7	15.7	2.4	19.1	19.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	28.9	*	40.0	34.3	*	46.7	38.0	*
Congestive Heart Failure	18	5.6	15.1	*	16.7	23.1	*	33.3	29.9	*
Pneumonia/Influenza	47	10.6	17.6	*	21.3	24.1	*	23.4	29.1	*
Chronic Obstructive Pulmonary Disease	18	11.1	4.0	*	11.1	8.4	*	16.7	12.8	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.0	*	0.0	4.8	*
Stroke	12	16.7	19.9	*	25.0	26.5	*	25.0	31.2	*
Hip Fracture	0									
Sepsis	1	0.0	28.5	*	0.0	33.1	*	0.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	66
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JELLICO COMMUNITY HOSPITAL

Medicare Provider Number: 440180

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	434	8.8	10.0	1.7	12.9	14.9	2.3	17.1	18.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	28.2	*	40.0	31.9	*	50.0	35.6	*
Congestive Heart Failure	20	10.0	16.2	*	15.0	25.0	*	20.0	32.2	*
Pneumonia/Influenza	33	15.2	19.2	*	27.3	26.0	*	33.3	31.1	*
Chronic Obstructive Pulmonary Disease	24	0.0	4.2	*	4.2	9.3	*	16.7	13.9	*
Transient Cerebral Ischemia	10	0.0	2.2	*	0.0	5.0	*	0.0	8.0	*
Stroke	12	16.7	23.0	*	16.7	29.4	*	25.0	34.2	*
Hip Fracture	0									
Sepsis	4	50.0	45.8	*	50.0	51.4	*	50.0	55.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	15	0.0	1.8	*	0.0	3.3	*	6.7	4.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	431	10.2	9.3	1.5	14.8	14.6	1.7	18.1	18.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	20.0	*	44.4	24.0	*	44.4	27.4	*
Congestive Heart Failure	24	20.8	13.1	*	25.0	19.4	*	29.2	25.2	*
Pneumonia/Influenza	27	14.8	17.3	*	22.2	23.3	*	25.9	28.3	*
Chronic Obstructive Pulmonary Disease	25	8.0	5.2	*	16.0	11.3	*	16.0	16.8	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke	16	18.8	23.4	*	25.0	30.9	*	37.5	36.4	*
Hip Fracture	0									
Sepsis	7	57.1	45.1	*	57.1	53.9	*	57.1	61.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	11	0.0	6.9	*	9.1	12.4	*	9.1	14.9	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JESSE HOLMAN JONES HOSPITAL

509 Brown St
Springfield, TN 37172

Medicare Provider Number: 440065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	965	7.7	9.0	1.7	13.7	13.8	2.0	16.8	17.7	2.2
CONDITIONS:										
Acute Myocardial Infarction	24	12.5	33.9	*	25.0	37.3	*	25.0	40.6	*
Congestive Heart Failure	74	6.8	14.8	5.9	20.3	22.9	5.3	25.7	29.6	5.7
Pneumonia/Influenza	77	19.5	14.1	6.3	22.1	19.4	6.5	26.0	23.4	5.5
Chronic Obstructive Pulmonary Disease	23	13.0	6.5	*	17.4	11.9	*	17.4	16.7	*
Transient Cerebral Ischemia	38	0.0	2.0	*	2.6	4.5	*	2.6	7.2	*
Stroke	30	23.3	18.1	*	30.0	25.5	*	33.3	30.4	*
Hip Fracture	1	0.0	14.4	*	0.0	30.6	*	0.0	43.0	*
Sepsis	12	41.7	28.6	*	66.7	37.7	*	66.7	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.4	*	0.0	3.3	*	33.3	5.3	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	22	0.0	1.9	*	4.5	4.5	*	4.5	7.5	*
Cholecystectomy	15	0.0	2.7	*	0.0	4.2	*	0.0	5.2	*
Hysterectomy	9	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	115
Occupancy Rate	64
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	56
Medical Residents/Interns	0
Registered Nurses	88
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JESSE HOLMAN JONES HOSPITAL

Medicare Provider Number: 440065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,026	8.2	9.1	1.4	12.5	13.7	1.6	15.1	17.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	31.9	*	44.4	35.2	*	44.4	39.3	*
Congestive Heart Failure	68	14.7	16.0	5.4	26.5	24.2	5.5	30.9	30.8	5.6
Pneumonia/Influenza	67	7.5	15.4	5.9	14.9	21.1	7.2	17.9	25.4	6.2
Chronic Obstructive Pulmonary Disease	21	4.8	6.5	*	4.8	12.0	*	4.8	16.4	*
Transient Cerebral Ischemia	64	1.6	1.9	1.7	6.3	4.2	3.5	6.3	6.7	3.4
Stroke	29	24.1	25.0	*	31.0	32.2	*	31.0	37.3	*
Hip Fracture	13	7.7	6.2	*	7.7	11.1	*	7.7	14.3	*
Sepsis	17	29.4	30.7	*	29.4	38.0	*	41.2	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.7	*	0.0	7.3	*	0.0	10.1	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	10	10.0	5.4	*	10.0	9.9	*	10.0	12.8	*
Prostatectomy	15	0.0	1.4	*	0.0	3.5	*	0.0	5.9	*
Cholecystectomy	17	0.0	2.1	*	0.0	3.7	*	0.0	4.8	*
Hysterectomy	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,011	8.7	9.0	1.1	13.4	13.7	1.2	17.0	17.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	17	52.9	34.8	*	52.9	38.4	*	52.9	42.3	*
Congestive Heart Failure	59	20.3	17.2	5.6	23.7	26.4	5.9	27.1	33.8	6.9
Pneumonia/Influenza	47	12.8	16.2	*	14.9	22.3	*	19.1	27.2	*
Chronic Obstructive Pulmonary Disease	22	4.5	9.5	*	9.1	15.9	*	18.2	20.8	*
Transient Cerebral Ischemia	45	0.0	2.3	*	6.7	5.1	*	11.1	8.2	*
Stroke	40	12.5	22.4	*	20.0	29.6	*	20.0	34.7	*
Hip Fracture	16	6.3	8.4	*	12.5	14.1	*	18.8	17.7	*
Sepsis	11	36.4	25.6	*	45.5	33.9	*	45.5	40.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	13.5	*	0.0	20.6	*	0.0	24.7	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	3	0.0	5.4	*	0.0	10.3	*	0.0	13.6	*
Open Reduction of Hip Fracture	9	11.1	6.4	*	11.1	11.4	*	11.1	14.5	*
Prostatectomy	19	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	25	0.0	3.5	*	20.0	6.4	*	20.0	8.4	*
Hysterectomy	4	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JOHN W HARTON REGIONAL MEDICAL CENTER

1801 N Jackson St Box 460
Tullahoma, TN 37388

Medicare Provider Number: 440144

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	760	8.8	8.9	1.1	13.7	13.6	1.4	18.3	17.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	29.3	*	21.7	32.6	*	39.1	36.2	*
Congestive Heart Failure	34	20.6	15.0	*	38.2	24.0	*	55.9	31.6	*
Pneumonia/Influenza	51	13.7	13.9	5.6	21.6	19.1	6.6	25.5	23.5	6.5
Chronic Obstructive Pulmonary Disease	15	20.0	10.7	*	20.0	19.5	*	20.0	26.7	*
Transient Cerebral Ischemia	10	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke	31	22.6	20.8	*	29.0	27.4	*	32.3	31.9	*
Hip Fracture	26	0.0	5.5	*	0.0	10.1	*	3.8	13.2	*
Sepsis	7	0.0	21.2	*	0.0	28.8	*	0.0	33.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	6.3	*	0.0	9.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.8	*	0.0	10.9	*	0.0	14.5	*
Open Reduction of Hip Fracture	17	0.0	4.9	*	0.0	9.1	*	5.9	12.0	*
Prostatectomy	27	0.0	1.2	*	0.0	2.9	*	3.7	4.7	*
Cholecystectomy	13	7.7	2.2	*	7.7	4.6	*	7.7	6.7	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	137
Occupancy Rate	50
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHN W HARTON REGIONAL MEDICAL CENTER

Medicare Provider Number: 440144

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	777	10.4	9.7	1.4	15.3	14.6	1.4	17.5	18.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	27.2	*	31.6	30.4	*	31.6	33.7	*
Congestive Heart Failure	45	17.8	15.7	*	22.2	23.7	*	24.4	30.3	*
Pneumonia/Influenza	43	11.6	14.2	*	16.3	19.3	*	20.9	23.5	*
Chronic Obstructive Pulmonary Disease	13	0.0	9.0	*	0.0	15.5	*	7.7	20.9	*
Transient Cerebral Ischemia	18	0.0	2.3	*	0.0	5.5	*	0.0	9.0	*
Stroke	31	38.7	23.8	*	41.9	30.7	*	41.9	35.7	*
Hip Fracture	24	8.3	6.6	*	8.3	12.1	*	8.3	15.7	*
Sepsis	15	33.3	28.0	*	46.7	37.4	*	46.7	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	6.6	*	8.3	12.3	*	8.3	15.9	*
Open Reduction of Hip Fracture	12	8.3	5.3	*	8.3	10.3	*	8.3	13.9	*
Prostatectomy	16	6.3	3.2	*	12.5	6.3	*	12.5	8.5	*
Cholecystectomy	10	10.0	5.0	*	20.0	8.9	*	20.0	10.8	*
Hysterectomy	4	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	732	10.8	8.7	1.4	16.0	13.1	2.0	19.1	16.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	28	28.6	29.2	*	35.7	33.0	*	39.3	37.0	*
Congestive Heart Failure	26	34.6	15.6	*	42.3	24.0	*	46.2	30.9	*
Pneumonia/Influenza	42	19.0	16.9	*	21.4	23.0	*	28.6	27.9	*
Chronic Obstructive Pulmonary Disease	18	11.1	7.4	*	22.2	13.4	*	22.2	18.5	*
Transient Cerebral Ischemia	12	8.3	2.1	*	16.7	4.7	*	25.0	7.6	*
Stroke	35	20.0	19.8	*	40.0	26.5	*	45.7	31.3	*
Hip Fracture	14	7.1	6.2	*	21.4	10.8	*	28.6	13.9	*
Sepsis	9	22.2	28.0	*	22.2	36.2	*	22.2	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.0	*	25.0	12.0	*	25.0	14.9	*
Open Reduction of Hip Fracture	10	10.0	4.9	*	20.0	9.3	*	30.0	12.5	*
Prostatectomy	17	5.9	0.8	*	5.9	1.9	*	5.9	3.3	*
Cholecystectomy	6	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JOHNSON CITY MEDICAL CENTER HOSPITAL

400 State Of Franklin Rd
Johnson City, TN 37601

Medicare Provider Number: 440063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,068	7.7	8.4	0.6	13.1	13.2	0.6	16.4	17.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	94	27.7	25.3	4.6	34.0	28.5	5.7	37.2	31.7	5.6
Congestive Heart Failure	156	15.4	13.5	3.7	22.4	21.5	4.0	29.5	28.1	4.2
Pneumonia/Influenza	165	15.8	16.3	3.1	20.6	22.2	3.8	24.8	26.8	4.5
Chronic Obstructive Pulmonary Disease	18	5.6	9.4	*	11.1	16.4	*	11.1	22.6	*
Transient Cerebral Ischemia	57	0.0	1.6	2.5	1.8	3.5	3.4	5.3	5.5	3.6
Stroke	85	17.6	21.6	5.4	28.2	28.0	5.2	35.3	32.4	5.4
Hip Fracture	67	6.0	6.5	3.1	6.0	11.5	5.5	9.0	14.8	6.6
Sepsis	33	27.3	20.0	*	33.3	28.7	*	39.4	34.3	*
PROCEDURES:										
Angioplasty	5	0.0	4.4	*	0.0	5.2	*	0.0	6.4	*
Coronary Artery Bypass Graft	10	0.0	6.2	*	0.0	9.8	*	0.0	12.0	*
Initial Pacemaker Insertion	27	0.0	4.0	*	11.1	7.8	*	18.5	11.3	*
Carotid Endarterectomy	8	0.0	1.7	*	0.0	3.2	*	0.0	4.9	*
Hip Replacement/Reconstruction	55	5.5	3.0	3.5	5.5	5.6	3.2	7.3	7.4	3.6
Open Reduction of Hip Fracture	38	5.3	5.8	*	5.3	10.7	*	7.9	14.0	*
Prostatectomy	79	0.0	1.0	1.6	1.3	2.3	2.4	3.8	3.9	2.8
Cholecystectomy	60	3.3	2.5	2.4	5.0	4.1	2.9	5.0	5.0	3.3
Hysterectomy	22	4.5	0.6	*	4.5	1.3	*	4.5	2.0	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	386
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	196
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	473
Licensed Practical Nurses	173

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

JOHNSON CITY MEDICAL CENTER HOSPITAL

Medicare Provider Number: 440063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,042	8.5	9.4	0.7	13.2	14.3	0.8	16.6	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	91	35.2	29.6	5.8	40.7	33.0	6.4	40.7	36.4	7.6
Congestive Heart Failure	158	18.4	15.8	3.7	27.2	24.4	4.9	35.4	31.3	7.1
Pneumonia/Influenza	129	19.4	18.9	5.2	26.4	25.7	4.5	30.2	30.9	4.3
Chronic Obstructive Pulmonary Disease	2	0.0	8.3	*	0.0	18.8	*	0.0	29.9	*
Transient Cerebral Ischemia	59	1.7	2.0	*	3.4	4.4	*	3.4	6.8	*
Stroke	101	19.8	25.0	6.0	26.7	31.5	5.7	33.7	36.1	5.4
Hip Fracture	75	1.3	5.9	3.6	4.0	10.9	5.2	6.7	14.2	5.5
Sepsis	25	16.0	26.1	*	28.0	34.1	*	32.0	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	7	14.3	8.2	*	14.3	10.0	*	14.3	11.3	*
Initial Pacemaker Insertion	21	0.0	3.5	*	0.0	6.1	*	0.0	8.6	*
Carotid Endarterectomy	17	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	72	1.4	2.8	2.0	1.4	5.5	3.3	1.4	7.6	4.5
Open Reduction of Hip Fracture	35	2.9	6.0	*	8.6	11.5	*	11.4	15.2	*
Prostatectomy	109	0.0	1.2	1.4	0.0	2.9	2.6	0.9	4.7	3.1
Cholecystectomy	72	5.6	3.2	3.7	9.7	6.3	4.8	9.7	8.5	5.0
Hysterectomy	34	0.0	0.7	*	0.0	1.4	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,894	9.1	9.1	0.6	13.4	14.1	0.7	16.9	18.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	89	39.3	27.8	7.6	42.7	31.0	7.3	43.8	34.2	7.0
Congestive Heart Failure	150	18.7	16.9	3.6	30.0	25.4	6.5	37.3	32.2	7.4
Pneumonia/Influenza	94	19.1	17.2	4.2	22.3	23.4	5.8	29.8	28.3	7.7
Chronic Obstructive Pulmonary Disease	39	15.4	10.8	*	23.1	17.8	*	28.2	23.3	*
Transient Cerebral Ischemia	64	1.6	1.9	1.8	3.1	4.1	3.2	3.1	6.5	5.0
Stroke	110	24.5	25.4	4.9	32.7	32.5	4.6	36.4	37.1	4.7
Hip Fracture	85	5.9	7.0	3.2	14.1	12.8	3.9	17.6	16.7	4.2
Sepsis	36	27.8	31.0	*	36.1	41.4	*	44.4	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	26	0.0	3.7	*	0.0	7.4	*	0.0	10.6	*
Carotid Endarterectomy	12	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	61	3.3	3.8	2.8	9.8	7.1	4.2	11.5	9.5	4.5
Open Reduction of Hip Fracture	40	7.5	6.9	*	15.0	13.2	*	20.0	17.4	*
Prostatectomy	97	2.1	1.2	1.9	4.1	3.0	2.2	6.2	5.0	2.4
Cholecystectomy	62	3.2	2.9	2.7	4.8	5.2	3.4	4.8	6.6	4.3
Hysterectomy	29	3.4	0.4	*	3.4	0.9	*	3.4	1.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

JOHNSON CITY
MEDICAL CENTER
HOSPITAL, INC.

400 STATE OF FRANKLIN ROAD
JOHNSON CITY TENNESSEE 37604-6094

PHONE-615-461-6111

January 15, 1991

ATT: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Provider #440063

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare Mortality Rates. Johnson City Medical Center Hospital supports the Healthcare Financing Administration's efforts to provide reliable mortality data.

In reviewing the statistical information, we find that Johnson City Medical Center Hospital's observed mortality rates indicated a continual decrease from the fiscal year 1987 - 1989 in each 30, 90 and 180 day interval. Further review of statistical data also found our facility's observed mortality rates consistently below the predicted mortality rates.

We have reviewed and verified the diagnosis listed for each admission where death occurred within the hospital. We find the diagnosis listed for in-patient deaths occurring within 30 days after admission to be accurate. However, as the time frame extends to 90 and 180 days, the significance of the statistics are weakened because of the probability of confounding factors that may have contributed to death, including intrinsic disease processes that may not have been evident at the time of hospitalization.

Much time and effort is devoted to quality assurance activities throughout our hospital. Each department evaluates the quality and appropriateness of care through continual monitors which are reported at regular intervals to the Governing Board. In addition, the Medical Staff, through peer review, performs quality assurance functions which include review of surgical and invasive diagnostic procedures, blood transfusions, drug usage, complications, hospital-acquired infection, appropriateness of hospitalization, condition at time of discharge and deaths.

A Full Service Private Community Owned Not-for-Profit Hospital • Accredited by the Joint Commission on Accreditation of Hospitals

Thank you again for the opportunity to view and respond to the mortality statistics. Johnson City Medical Center, with the support of its team of healthcare providers, takes great pride in its delivery of quality primary, secondary and tertiary services to Northeast Tennessee. If we can provide statistical information that will aid the public in understanding HCFA's mortality data, please do not hesitate to contact us.

Sincerely,

Dennis Vonderfecht
Administrator and Chief Executive Officer

JOHNSON CITY SPECIALTY HOSPITAL

203 E Watauga Ave NE
Johnson City, TN 37601

Medicare Provider Number: 440105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	16	0.0	1.6	*	0.0	3.1	*	0.0	4.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	39
Occupancy Rate	3
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHNSON CITY SPECIALTY HOSPITAL

Medicare Provider Number: 440105

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	35	0.0	2.8	*	2.9	4.5	*	2.9	6.3	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	99	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LAFOLLETTE MEDICAL CENTER

E Central Ave
La Follette, TN 37766

Medicare Provider Number: 440033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	754	10.1	10.3	1.1	14.2	15.3	1.5	17.8	19.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	42	23.8	32.0	*	28.6	36.3	*	33.3	40.4	*
Congestive Heart Failure	29	20.7	12.8	*	27.6	20.1	*	31.0	26.4	*
Pneumonia/Influenza	65	30.8	19.1	7.9	35.4	26.5	7.4	38.5	31.7	7.0
Chronic Obstructive Pulmonary Disease	22	0.0	5.3	*	9.1	10.1	*	22.7	14.7	*
Transient Cerebral Ischemia	14	0.0	2.1	*	0.0	4.8	*	7.1	7.6	*
Stroke	39	10.3	20.0	*	15.4	26.0	*	15.4	30.2	*
Hip Fracture	10	0.0	4.7	*	0.0	8.2	*	10.0	10.6	*
Sepsis	15	33.3	27.3	*	33.3	37.9	*	33.3	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.9	*	0.0	7.3	*	14.3	9.8	*
Open Reduction of Hip Fracture	3	0.0	5.3	*	0.0	9.0	*	0.0	11.3	*
Prostatectomy	0									
Cholecystectomy	8	0.0	3.9	*	0.0	7.4	*	12.5	9.8	*
Hysterectomy	4	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	165
Occupancy Rate	86
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAFOLLETTE MEDICAL CENTER

Medicare Provider Number: 440033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	761	11.2	10.8	1.2	16.2	16.1	1.4	19.6	20.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	46	37.0	30.5	*	37.0	33.9	*	39.1	37.8	*
Congestive Heart Failure	44	20.5	16.5	*	34.1	24.7	*	36.4	31.4	*
Pneumonia/Influenza	54	16.7	18.7	5.6	27.8	25.1	6.2	31.5	30.1	7.4
Chronic Obstructive Pulmonary Disease	28	0.0	5.9	*	3.6	11.3	*	3.6	16.1	*
Transient Cerebral Ischemia	9	0.0	2.5	*	11.1	5.7	*	11.1	9.0	*
Stroke	30	20.0	23.3	*	23.3	31.4	*	33.3	36.5	*
Hip Fracture	12	0.0	5.3	*	0.0	9.4	*	0.0	12.2	*
Sepsis	4	0.0	25.4	*	25.0	34.4	*	50.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	5.2	*	0.0	9.5	*	0.0	12.2	*
Open Reduction of Hip Fracture	3	0.0	3.9	*	0.0	7.7	*	0.0	10.5	*
Prostatectomy	0									
Cholecystectomy	10	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	4	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	750	11.1	10.8	1.8	15.6	16.2	1.9	18.9	20.4	2.3
CONDITIONS:										
Acute Myocardial Infarction	32	25.0	27.9	*	37.5	31.1	*	37.5	34.5	*
Congestive Heart Failure	42	14.3	18.4	*	14.3	27.8	*	16.7	35.3	*
Pneumonia/Influenza	68	13.2	18.7	8.8	17.6	25.2	8.0	25.0	30.3	6.8
Chronic Obstructive Pulmonary Disease	34	8.8	8.5	*	14.7	15.2	*	14.7	20.8	*
Transient Cerebral Ischemia	14	7.1	2.0	*	14.3	4.3	*	28.6	6.8	*
Stroke	23	26.1	24.3	*	34.8	30.9	*	39.1	35.4	*
Hip Fracture	10	20.0	6.6	*	40.0	12.4	*	50.0	16.7	*
Sepsis	9	77.8	39.1	*	77.8	48.8	*	77.8	56.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	33.3	6.0	*	50.0	11.2	*	50.0	15.1	*
Open Reduction of Hip Fracture	3	0.0	5.2	*	0.0	10.9	*	33.3	15.3	*
Prostatectomy	0									
Cholecystectomy	11	0.0	1.0	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKESHORE MENTAL HEALTH INSTITUTE

5908 Lyons View Pike
Knoxville, TN 37919

Medicare Provider Number: 440128

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	21	4.8	5.3	*	9.5	8.2	*	14.3	11.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	4	25.0	9.1	*	25.0	12.3	*	50.0	15.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.2	*	0.0	9.7	*	0.0	13.1	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	499
Occupancy Rate	85
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	35
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKESHORE MENTAL HEALTH INSTITUTE

Medicare Provider Number: 440128

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	27	7.4	3.9	*	11.1	6.5	*	11.1	8.8	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	7.4	*	0.0	9.9	*	0.0	12.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.8	*	0.0	11.6	*	0.0	16.1	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	28	7.1	7.9	*	10.7	13.7	*	14.3	18.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	1	0.0	14.5	*	0.0	19.6	*	0.0	24.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.7	*	0.0	4.3	*	0.0	6.2	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	15.8	*	0.0	21.1	*	0.0	25.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAUGHLIN HOSPITAL

215 N College St
Greeneville, TN 37743

Medicare Provider Number: 440025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,269	9.3	9.8	1.1	13.9	14.3	1.1	16.9	17.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	46	15.2	27.9	*	19.6	30.9	*	21.7	34.5	*
Congestive Heart Failure	35	2.9	14.2	*	11.4	22.2	*	20.0	29.0	*
Pneumonia/Influenza	141	20.6	17.3	4.9	27.7	23.4	6.9	30.5	28.2	5.8
Chronic Obstructive Pulmonary Disease	24	4.2	5.2	*	16.7	10.2	*	16.7	14.7	*
Transient Cerebral Ischemia	26	0.0	1.6	*	3.8	3.5	*	3.8	5.5	*
Stroke	53	20.8	21.2	6.1	26.4	26.9	6.5	28.3	31.4	7.7
Hip Fracture	20	0.0	6.6	*	5.0	11.9	*	10.0	15.5	*
Sepsis	22	13.6	22.0	*	18.2	30.6	*	22.7	35.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	26	0.0	4.7	*	7.7	8.5	*	7.7	10.8	*
Open Reduction of Hip Fracture	3	0.0	5.7	*	0.0	11.5	*	0.0	15.7	*
Prostatectomy	30	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy	17	0.0	1.3	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy	15	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	177
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAUGHLIN HOSPITAL

Medicare Provider Number: 440025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,219	9.6	9.8	1.3	13.5	14.5	1.4	17.1	18.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	55	30.9	30.2	6.3	32.7	33.4	6.7	34.5	37.4	6.8
Congestive Heart Failure	44	15.9	14.3	*	15.9	22.0	*	18.2	28.4	*
Pneumonia/Influenza	85	17.6	16.7	4.1	24.7	22.8	4.9	30.6	27.4	6.0
Chronic Obstructive Pulmonary Disease	15	6.7	7.1	*	6.7	13.9	*	26.7	19.3	*
Transient Cerebral Ischemia	18	0.0	1.9	*	0.0	4.1	*	5.6	6.4	*
Stroke	53	15.1	23.3	8.5	24.5	29.8	7.5	28.3	34.8	7.8
Hip Fracture	25	8.0	7.3	*	12.0	12.8	*	16.0	16.4	*
Sepsis	12	25.0	32.0	*	25.0	40.4	*	33.3	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	5.0	4.7	*	10.0	8.5	*	15.0	10.9	*
Open Reduction of Hip Fracture	9	11.1	6.2	*	11.1	11.8	*	11.1	15.6	*
Prostatectomy	35	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy	25	4.0	3.9	*	4.0	7.3	*	4.0	9.4	*
Hysterectomy	9	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,227	9.5	9.4	0.8	14.9	14.0	1.5	17.5	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	55	20.0	28.5	9.8	27.3	31.9	9.9	29.1	35.4	11.3
Congestive Heart Failure	35	11.4	14.2	*	14.3	21.7	*	17.1	28.0	*
Pneumonia/Influenza	98	17.3	15.8	4.8	22.4	21.4	4.2	25.5	25.8	4.4
Chronic Obstructive Pulmonary Disease	27	7.4	4.9	*	7.4	9.6	*	7.4	13.4	*
Transient Cerebral Ischemia	16	0.0	1.5	*	6.3	3.2	*	6.3	5.0	*
Stroke	65	16.9	19.4	7.8	20.0	24.9	8.1	23.1	29.4	10.6
Hip Fracture	42	9.5	6.0	*	21.4	11.1	*	23.8	14.6	*
Sepsis	20	25.0	23.9	*	30.0	32.2	*	35.0	38.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	5.5	*	11.1	10.2	*	11.1	13.5	*
Open Reduction of Hip Fracture	23	4.3	4.8	*	17.4	9.7	*	21.7	13.2	*
Prostatectomy	24	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	27	0.0	2.0	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy	11	0.0	1.1	*	0.0	2.2	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LEWIS COUNTY HOSPITAL

Linden Highway P O Box 879
Hohenwald, TN 38462

Medicare Provider Number: 440160

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	222	6.3	10.9	3.7	13.1	16.1	4.3	15.8	20.5	4.6
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	32.9	*	11.1	37.5	*	11.1	42.3	*
Congestive Heart Failure	27	3.7	12.5	*	14.8	19.8	*	14.8	26.0	*
Pneumonia/Influenza	16	6.3	18.1	*	18.8	24.5	*	25.0	29.6	*
Chronic Obstructive Pulmonary Disease	3	66.7	13.5	*	66.7	23.6	*	66.7	32.1	*
Transient Cerebral Ischemia	0									
Stroke	5	0.0	16.9	*	0.0	22.3	*	20.0	26.4	*
Hip Fracture	3	33.3	4.2	*	33.3	7.2	*	33.3	9.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.2	*	0.0	5.7	*	0.0	7.6	*
Prostatectomy	0									
Cholecystectomy	2	0.0	2.2	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	27
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LEWIS COUNTY HOSPITAL

Medicare Provider Number: 440160

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	194	5.7	10.9	3.1	9.3	16.3	3.6	14.4	20.7	3.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	34.1	*	0.0	36.5	*	0.0	39.9	*
Congestive Heart Failure	18	16.7	16.6	*	27.8	26.1	*	44.4	33.6	*
Pneumonia/Influenza	18	5.6	17.4	*	11.1	23.2	*	22.2	27.8	*
Chronic Obstructive Pulmonary Disease	13	0.0	11.8	*	0.0	19.1	*	0.0	24.8	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	23.2	*	0.0	31.7	*	0.0	38.1	*
Hip Fracture	0									
Sepsis	6	0.0	36.1	*	0.0	44.4	*	16.7	51.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	2.3	*	0.0	3.9	*	0.0	5.0	*
Hysterectomy	1	0.0	0.8	*	0.0	1.2	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	275	7.6	10.6	2.2	10.9	16.1	3.0	13.8	20.6	3.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	31.6	*	25.0	34.8	*	25.0	39.2	*
Congestive Heart Failure	17	5.9	15.6	*	5.9	24.1	*	17.6	31.1	*
Pneumonia/Influenza	26	3.8	17.7	*	7.7	24.1	*	7.7	28.9	*
Chronic Obstructive Pulmonary Disease	8	12.5	12.9	*	12.5	20.5	*	12.5	27.5	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.0	*	0.0	4.6	*
Stroke	4	50.0	31.8	*	50.0	40.5	*	50.0	46.1	*
Hip Fracture	1	0.0	5.5	*	0.0	9.7	*	0.0	12.7	*
Sepsis	4	0.0	30.9	*	0.0	40.2	*	0.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	4.2	*	10.0	7.7	*	10.0	10.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LEWISBURG COMMUNITY HOSPITAL

Ellington Parkway
Lewisburg, TN 37091

Medicare Provider Number: 440143

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	502	7.4	8.6	1.8	13.1	13.4	2.0	16.7	17.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	26.4	*	25.0	29.3	*	25.0	32.9	*
Congestive Heart Failure	44	6.8	13.4	*	13.6	21.6	*	22.7	28.5	*
Pneumonia/Influenza	34	8.8	15.0	*	17.6	20.5	*	17.6	25.0	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.4	*	0.0	11.1	*	8.3	15.4	*
Transient Cerebral Ischemia	11	0.0	1.6	*	0.0	3.7	*	9.1	6.0	*
Stroke	9	11.1	17.7	*	33.3	25.2	*	55.6	30.2	*
Hip Fracture	9	11.1	6.6	*	11.1	12.5	*	22.2	16.6	*
Sepsis	9	33.3	29.1	*	33.3	34.2	*	33.3	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.8	*	0.0	10.3	*	50.0	13.2	*
Open Reduction of Hip Fracture	5	20.0	6.3	*	20.0	12.7	*	20.0	17.6	*
Prostatectomy	7	0.0	1.2	*	0.0	3.2	*	0.0	5.7	*
Cholecystectomy	2	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	119
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

LEWISBURG COMMUNITY HOSPITAL

Medicare Provider Number: 440143

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	625	9.8	9.8	1.3	13.4	14.2	1.6	16.2	17.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	27	40.7	34.0	*	40.7	37.3	*	40.7	41.2	*
Congestive Heart Failure	34	8.8	12.3	*	11.8	19.0	*	14.7	24.9	*
Pneumonia/Influenza	44	18.2	15.9	*	27.3	22.2	*	31.8	27.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.9	*	0.0	10.1	*	0.0	15.1	*
Transient Cerebral Ischemia	14	0.0	1.8	*	7.1	4.0	*	7.1	6.3	*
Stroke	26	34.6	22.4	*	42.3	29.8	*	42.3	34.9	*
Hip Fracture	6	0.0	7.8	*	0.0	13.9	*	16.7	17.5	*
Sepsis	20	25.0	35.1	*	30.0	42.2	*	40.0	48.8	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	10.7	*	0.0	19.5	*	50.0	24.4	*
Open Reduction of Hip Fracture	3	0.0	4.9	*	0.0	9.1	*	0.0	11.9	*
Prostatectomy	4	0.0	1.0	*	0.0	2.3	*	25.0	3.7	*
Cholecystectomy	5	0.0	1.7	*	0.0	2.7	*	0.0	3.5	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	645	9.0	8.9	1.4	14.6	13.4	2.3	16.6	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	29.6	*	38.1	33.0	*	38.1	37.0	*
Congestive Heart Failure	39	17.9	14.0	*	25.6	22.3	*	33.3	29.2	*
Pneumonia/Influenza	35	8.6	15.8	*	14.3	22.2	*	17.1	27.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	5.8	*	50.0	11.5	*	50.0	16.6	*
Transient Cerebral Ischemia	18	0.0	1.7	*	5.6	3.9	*	5.6	6.3	*
Stroke	17	23.5	17.8	*	29.4	23.6	*	29.4	28.2	*
Hip Fracture	9	0.0	6.9	*	22.2	12.2	*	22.2	15.7	*
Sepsis	16	12.5	35.3	*	18.8	41.7	*	25.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.2	*	0.0	7.0	*	0.0	10.2	*
Open Reduction of Hip Fracture	5	0.0	8.3	*	20.0	14.9	*	20.0	19.0	*
Prostatectomy	3	0.0	1.4	*	33.3	3.5	*	33.3	6.0	*
Cholecystectomy	7	0.0	4.9	*	0.0	8.7	*	0.0	11.1	*
Hysterectomy	3	0.0	3.4	*	0.0	6.3	*	0.0	9.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

LINCOLN COUNTY HOSPITAL

700 W Maple
Fayetteville, TN 37334

Medicare Provider Number: 440102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	645	10.5	8.3	1.9	14.4	12.9	2.1	17.5	16.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	20	30.0	26.6	*	35.0	30.8	*	35.0	34.8	*
Congestive Heart Failure	43	20.9	14.1	*	32.6	21.8	*	44.2	28.8	*
Pneumonia/Influenza	53	17.0	14.2	5.3	17.0	19.8	6.2	20.8	24.4	8.1
Chronic Obstructive Pulmonary Disease	15	6.7	4.6	*	6.7	8.8	*	6.7	12.9	*
Transient Cerebral Ischemia	14	0.0	2.5	*	0.0	5.9	*	0.0	9.7	*
Stroke	39	30.8	17.0	*	33.3	24.0	*	38.5	28.7	*
Hip Fracture	4	0.0	4.8	*	0.0	8.8	*	0.0	11.7	*
Sepsis	11	27.3	19.9	*	45.5	27.3	*	45.5	33.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*
Open Reduction of Hip Fracture	2	0.0	5.6	*	0.0	10.9	*	0.0	14.6	*
Prostatectomy	8	0.0	1.6	*	0.0	4.2	*	12.5	7.4	*
Cholecystectomy	15	0.0	1.2	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	2	50.0	1.3	*	50.0	2.3	*	50.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	91
Occupancy Rate	40
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	0
Registered Nurses	36
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LINCOLN COUNTY HOSPITAL

Medicare Provider Number: 440102

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	683	8.1	9.5	1.7	12.2	14.1	1.9	15.7	17.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	28	46.4	32.9	*	46.4	36.5	*	46.4	40.3	*
Congestive Heart Failure	53	7.5	17.6	9.9	22.6	25.5	12.2	26.4	32.4	8.3
Pneumonia/Influenza	51	3.9	15.6	7.1	7.8	21.5	8.0	13.7	26.0	7.9
Chronic Obstructive Pulmonary Disease	13	0.0	2.9	*	7.7	5.7	*	7.7	8.3	*
Transient Cerebral Ischemia	17	0.0	1.6	*	5.9	3.4	*	11.8	5.4	*
Stroke	36	22.2	21.6	*	25.0	27.8	*	33.3	32.3	*
Hip Fracture	1	0.0	14.6	*	0.0	24.2	*	0.0	29.2	*
Sepsis	7	14.3	25.2	*	14.3	29.7	*	28.6	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	16	0.0	1.9	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	6	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	738	10.0	9.5	1.4	14.8	14.2	1.4	19.0	18.2	1.6
CONDITIONS:										
Acute Myocardial Infarction	26	30.8	25.8	*	34.6	29.0	*	34.6	32.7	*
Congestive Heart Failure	53	11.3	16.7	6.5	18.9	24.2	7.3	28.3	31.1	6.8
Pneumonia/Influenza	49	18.4	13.8	*	24.5	18.7	*	28.6	23.1	*
Chronic Obstructive Pulmonary Disease	16	6.3	6.1	*	12.5	11.3	*	18.8	15.9	*
Transient Cerebral Ischemia	13	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke	40	27.5	21.4	*	32.5	27.3	*	37.5	32.0	*
Hip Fracture	0									
Sepsis	12	41.7	20.6	*	41.7	26.3	*	58.3	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.8	*	0.0	3.9	*	0.0	5.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	14	0.0	0.8	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy	23	4.3	3.6	*	4.3	5.3	*	4.3	6.6	*
Hysterectomy	4	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LIVINGSTON REGIONAL HOSPITAL

315 Oak St Box 550
Livingston, TN 38570

Medicare Provider Number: 440187

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	767	6.9	6.4	1.4	12.0	10.3	1.8	15.4	13.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	21.4	*	42.9	24.2	*	50.0	27.4	*
Congestive Heart Failure	37	16.2	14.4	*	32.4	23.4	*	40.5	30.6	*
Pneumonia/Influenza	67	6.0	12.8	7.6	11.9	18.0	9.4	14.9	22.2	8.9
Chronic Obstructive Pulmonary Disease	29	3.4	3.1	*	3.4	6.3	*	3.4	9.2	*
Transient Cerebral Ischemia	20	0.0	1.4	*	0.0	3.3	*	0.0	5.6	*
Stroke	19	5.3	16.0	*	21.1	22.0	*	21.1	26.4	*
Hip Fracture	0									
Sepsis	5	40.0	23.1	*	40.0	35.8	*	40.0	43.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	6	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	74
Occupancy Rate	65
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	29
Medical Residents/Interns	0
Registered Nurses	26
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LIVINGSTON REGIONAL HOSPITAL

Medicare Provider Number: 440187

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	786	6.5	7.5	1.2	10.6	11.8	1.8	13.9	15.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	17	35.3	29.5	*	35.3	33.0	*	35.3	36.4	*
Congestive Heart Failure	30	26.7	14.5	*	36.7	23.0	*	40.0	29.8	*
Pneumonia/Influenza	66	6.1	11.8	5.8	12.1	16.6	6.4	16.7	20.4	5.7
Chronic Obstructive Pulmonary Disease	29	3.4	5.5	*	3.4	10.1	*	10.3	14.3	*
Transient Cerebral Ischemia	21	0.0	1.5	*	4.8	3.4	*	4.8	5.6	*
Stroke	42	9.5	18.8	*	14.3	25.2	*	21.4	30.0	*
Hip Fracture	1	0.0	2.2	*	0.0	4.4	*	0.0	6.3	*
Sepsis	5	0.0	24.5	*	0.0	33.4	*	0.0	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.1	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	9.0	8.3	1.3	12.0	12.9	1.5	15.0	16.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	21.3	*	28.0	24.2	*	28.0	27.3	*
Congestive Heart Failure	41	14.6	11.6	*	17.1	18.4	*	22.0	24.6	*
Pneumonia/Influenza	78	5.1	14.5	5.7	10.3	19.8	6.1	14.1	24.0	6.7
Chronic Obstructive Pulmonary Disease	23	13.0	8.3	*	13.0	14.5	*	21.7	19.6	*
Transient Cerebral Ischemia	22	0.0	1.6	*	9.1	3.5	*	9.1	5.6	*
Stroke	24	20.8	19.0	*	33.3	26.3	*	37.5	31.2	*
Hip Fracture	3	33.3	3.4	*	33.3	6.2	*	33.3	8.1	*
Sepsis	2	50.0	14.9	*	50.0	24.3	*	50.0	30.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	4.2	*	16.7	9.1	*	16.7	12.9	*
Hysterectomy	4	0.0	1.6	*	0.0	3.9	*	0.0	6.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MACON COUNTY GENERAL HOSPITAL

204 Medical Dr
Lafayette, TN 37083

Medicare Provider Number: 440078

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	393	7.6	8.8	1.8	9.7	14.0	2.4	12.7	18.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	20.3	*	33.3	24.1	*	33.3	28.2	*
Congestive Heart Failure	23	30.4	17.8	*	30.4	27.1	*	30.4	34.3	*
Pneumonia/Influenza	19	10.5	16.1	*	10.5	21.6	*	26.3	26.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.1	*	0.0	13.4	*	0.0	22.4	*
Transient Cerebral Ischemia	14	0.0	1.7	*	0.0	4.0	*	0.0	6.5	*
Stroke	20	15.0	20.0	*	15.0	28.1	*	15.0	33.4	*
Hip Fracture	2	0.0	15.2	*	0.0	25.8	*	0.0	31.6	*
Sepsis	9	0.0	24.1	*	11.1	32.1	*	11.1	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	13.3	*	0.0	23.9	*	0.0	29.9	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	43
Occupancy Rate	44
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MACON COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440078

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	449	8.0	8.4	1.4	10.9	13.6	1.8	12.7	17.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	29.7	*	33.3	34.3	*	33.3	38.6	*
Congestive Heart Failure	28	14.3	16.6	*	21.4	26.1	*	25.0	33.6	*
Pneumonia/Influenza	20	5.0	15.7	*	10.0	21.8	*	15.0	26.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.7	*	0.0	15.5	*	0.0	21.5	*
Transient Cerebral Ischemia	17	5.9	2.1	*	5.9	4.8	*	5.9	7.6	*
Stroke	15	20.0	22.4	*	20.0	28.3	*	26.7	32.7	*
Hip Fracture	1	0.0	12.9	*	100.0	20.8	*	100.0	24.6	*
Sepsis	8	12.5	17.1	*	12.5	22.2	*	12.5	27.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	11.2	*	100.0	19.1	*	100.0	23.0	*
Prostatectomy	0									
Cholecystectomy	2	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	459	7.8	9.8	2.0	12.2	15.1	2.8	16.3	19.1	3.2
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	42.0	*	40.0	46.8	*	40.0	51.2	*
Congestive Heart Failure	24	16.7	17.2	*	29.2	26.0	*	33.3	33.1	*
Pneumonia/Influenza	21	0.0	13.4	*	9.5	18.2	*	9.5	22.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	14.3	*	25.0	22.7	*	25.0	29.1	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.4	*	0.0	6.7	*
Stroke	12	8.3	30.5	*	41.7	39.7	*	41.7	44.9	*
Hip Fracture	4	0.0	5.3	*	0.0	10.4	*	25.0	14.0	*
Sepsis	5	40.0	18.7	*	60.0	25.0	*	60.0	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.4	*	0.0	6.8	*	0.0	9.2	*
Prostatectomy	0									
Cholecystectomy	5	20.0	4.3	*	20.0	8.1	*	20.0	10.4	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MAURY REGIONAL HOSPITAL

1224 Trotwood Ave
Columbia, TN 38401

Medicare Provider Number: 440073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,174	9.1	9.3	1.2	13.3	14.3	1.2	17.6	18.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	79	34.2	28.3	6.3	40.5	32.0	8.0	41.8	35.8	8.4
Congestive Heart Failure	117	18.8	15.9	3.9	21.4	24.9	4.6	28.2	32.3	5.7
Pneumonia/Influenza	78	23.1	15.3	5.2	34.6	21.0	7.4	38.5	25.6	7.1
Chronic Obstructive Pulmonary Disease	48	2.1	4.5	*	6.3	8.7	*	6.3	12.7	*
Transient Cerebral Ischemia	23	4.3	1.8	*	4.3	4.0	*	4.3	6.3	*
Stroke	79	13.9	16.8	7.6	17.7	23.4	10.4	22.8	27.8	9.4
Hip Fracture	84	8.3	6.1	3.2	11.9	10.9	3.8	15.5	14.1	4.1
Sepsis	54	14.8	23.0	9.9	20.4	29.0	8.5	31.5	33.9	6.9
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	28.6	2.9	*	42.9	5.9	*	42.9	8.8	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	57	7.0	3.2	4.6	7.0	5.9	4.2	10.5	7.9	4.3
Open Reduction of Hip Fracture	43	7.0	5.8	*	11.6	10.7	*	14.0	14.0	*
Prostatectomy	83	0.0	1.3	1.7	0.0	2.4	2.9	2.4	3.8	2.4
Cholecystectomy	47	4.3	2.5	*	6.4	4.3	*	6.4	5.4	*
Hysterectomy	17	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	275
Occupancy Rate	53
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	80
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	194
Licensed Practical Nurses	114

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MAURY REGIONAL HOSPITAL

Medicare Provider Number: 440073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,224	9.5	8.6	0.7	13.3	13.4	0.7	16.3	17.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	72	29.2	31.2	6.4	30.6	34.8	7.6	31.9	38.7	9.8
Congestive Heart Failure	121	14.0	15.0	3.3	20.7	23.1	4.2	27.3	29.9	4.4
Pneumonia/Influenza	86	14.0	15.0	4.1	19.8	21.0	5.1	24.4	25.7	5.0
Chronic Obstructive Pulmonary Disease	47	8.5	4.7	*	14.9	9.5	*	17.0	13.7	*
Transient Cerebral Ischemia	44	0.0	1.6	*	4.5	3.5	*	4.5	5.5	*
Stroke	79	26.6	17.7	9.9	32.9	24.6	10.0	36.7	29.2	10.2
Hip Fracture	74	4.1	6.2	3.5	5.4	11.2	5.6	9.5	14.4	5.9
Sepsis	39	33.3	29.4	*	41.0	36.5	*	41.0	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	6.5	*	0.0	12.0	*	25.0	16.3	*
Carotid Endarterectomy	21	4.8	1.6	*	4.8	3.2	*	9.5	4.9	*
Hip Replacement/Reconstruction	58	0.0	3.3	3.0	1.7	6.5	4.3	6.9	8.7	5.6
Open Reduction of Hip Fracture	32	6.3	5.7	*	6.3	10.7	*	6.3	14.0	*
Prostatectomy	64	1.6	0.8	1.6	1.6	1.9	2.6	4.7	3.2	3.0
Cholecystectomy	30	3.3	2.3	*	6.7	4.6	*	6.7	6.2	*
Hysterectomy	22	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,105	8.6	8.4	0.6	13.1	13.0	0.9	16.3	16.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	82	30.5	31.1	6.1	37.8	35.3	5.6	39.0	39.2	6.1
Congestive Heart Failure	99	21.2	16.4	4.6	31.3	25.7	5.2	39.4	33.3	5.6
Pneumonia/Influenza	65	9.2	13.0	5.9	13.8	18.1	8.0	16.9	22.3	8.2
Chronic Obstructive Pulmonary Disease	36	8.3	6.8	*	13.9	13.0	*	22.2	18.3	*
Transient Cerebral Ischemia	25	8.0	2.0	*	12.0	4.5	*	16.0	7.1	*
Stroke	90	15.6	16.1	4.3	22.2	22.3	5.1	24.4	26.7	6.0
Hip Fracture	108	8.3	5.1	3.4	11.1	9.4	3.0	16.7	12.6	4.7
Sepsis	49	28.6	26.4	*	34.7	33.6	*	36.7	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.1	*	0.0	6.7	*	0.0	10.1	*
Carotid Endarterectomy	15	0.0	1.3	*	0.0	2.5	*	6.7	3.6	*
Hip Replacement/Reconstruction	71	1.4	2.4	1.9	4.2	4.9	2.6	8.5	6.8	3.4
Open Reduction of Hip Fracture	64	12.5	4.7	4.6	15.6	9.1	4.7	18.8	12.3	5.2
Prostatectomy	64	1.6	0.7	1.5	1.6	1.8	2.0	3.1	3.1	2.2
Cholecystectomy	22	4.5	1.7	*	4.5	2.9	*	4.5	3.8	*
Hysterectomy	19	0.0	0.4	*	0.0	1.0	*	5.3	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MCNAIRY COUNTY GENERAL HOSPITAL

705 E Poplar Ave
Selmer, TN 38375

Medicare Provider Number: 440051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	473	11.6	11.2	1.5	15.4	16.4	1.8	18.6	20.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	36.0	*	25.0	39.4	*	25.0	43.6	*
Congestive Heart Failure	26	23.1	14.3	*	23.1	20.4	*	34.6	26.2	*
Pneumonia/Influenza	53	13.2	17.8	9.3	15.1	24.3	12.0	22.6	29.4	12.0
Chronic Obstructive Pulmonary Disease	10	30.0	9.4	*	30.0	18.0	*	30.0	24.9	*
Transient Cerebral Ischemia	22	4.5	1.9	*	9.1	4.4	*	9.1	7.1	*
Stroke	25	24.0	24.7	*	32.0	32.1	*	32.0	37.3	*
Hip Fracture	1	100.0	5.0	*	100.0	8.7	*	100.0	11.3	*
Sepsis	12	16.7	26.4	*	25.0	32.5	*	33.3	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	0.9	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	7	0.0	1.2	*	0.0	2.8	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	86
Occupancy Rate	28
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MCNAIRY COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	435	12.9	11.7	2.0	18.6	17.2	2.2	20.9	21.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	43.2	*	33.3	46.7	*	33.3	51.3	*
Congestive Heart Failure	28	17.9	17.0	*	25.0	24.5	*	28.6	30.7	*
Pneumonia/Influenza	40	27.5	19.0	*	32.5	25.2	*	35.0	30.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	6.2	*	16.7	11.2	*	33.3	15.8	*
Transient Cerebral Ischemia	7	14.3	2.6	*	14.3	5.7	*	28.6	9.1	*
Stroke	27	29.6	22.2	*	44.4	29.1	*	48.1	34.0	*
Hip Fracture	0									
Sepsis	10	30.0	29.2	*	30.0	36.2	*	30.0	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	8	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	5	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

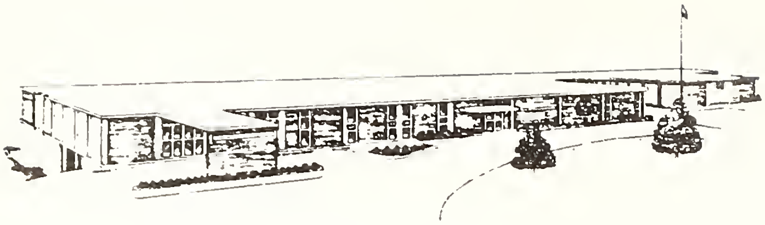
* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	453	13.0	11.9	1.6	16.3	17.2	1.8	18.5	21.3	2.2
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	35.8	*	31.3	39.6	*	31.3	44.1	*
Congestive Heart Failure	27	33.3	20.4	*	37.0	28.5	*	40.7	35.7	*
Pneumonia/Influenza	43	23.3	17.4	*	32.6	23.4	*	32.6	28.3	*
Chronic Obstructive Pulmonary Disease	12	8.3	8.6	*	8.3	16.0	*	8.3	21.9	*
Transient Cerebral Ischemia	12	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke	19	36.8	20.8	*	36.8	28.0	*	36.8	33.0	*
Hip Fracture	0									
Sepsis	10	50.0	40.3	*	60.0	49.1	*	60.0	55.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	3.1	*	0.0	4.7	*	0.0	5.6	*
Hysterectomy	10	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

429.1



McNAIRY COUNTY GENERAL HOSPITAL
SELMER, TENNESSEE

ROBERT P. HANNA
ADMINISTRATOR/CEO

January 7, 1991 Medicare Provider #440051

TO: HEALTHCARE FINANCING ADMINISTRATION

FROM: SHERRY L. MOORE, R.N., M.P.A., DIRECTOR OF QUALITY ASSURANCE

SUBJECT: HCFA MORTALITY DATA FOR McNAIRY COUNTY GENERAL HOSPITAL FOR FY 1989

COMMENTS

DATA VERIFICATION

The data used by HCFA indicate a total of four hundred seventy-three (473) Medicare patients were discharged from McNairy County General Hospital during FY 1989. According to the individual list (Enclosure C) there were one hundred and nine (109) deaths reported for Medicare patients during this time frame. Of these, only thirty-six (36) deaths actually occurred while a patient at McNairy County General Hospital. Without specific information contained on death records, there is no way to determine cause of death in those cases where death occurred after discharge from hospital and over which the hospital would have no control. Death data was also noted on patients who were transferred from this facility to another hospital where the death actually occurred.

INTERPRETATIVE REMARKS

According to this report, there were four (4) diagnostic categories in which the hospital's observed mortality rate fell outside the predicted mortality rate. Several factors may contribute to these increased rates. In all four (4) of these categories, the number of cases or deaths were too small to permit satisfactory estimation of the uncertainty of the rate.

FACTORS AFFECTING MORTALITY RATE

1. Age: The average age of patients appearing on the HCFA report is eighty-three (83) which places them in a high risk group.

2. Due to lack of alternative health care in our area (i.e. skilled nursing, hospice and long waiting lists for intermediate care beds), patients do not receive adequate care which results in sicker patients who are admitted in critical condition and are often admitted only a short time before anticipated death. Of the thirty-six (36) patients who died in McNairy County General Hospital, eleven (11) of these died within forty-eight (48) hours of admission.

3. Initial treatment for catastrophic illness usually takes place in an urban hospital, thus leaving the small, rural, hometown hospital to provide terminal and supportive care.

4. Complications and chronic conditions such as Diabetes, Congestive Heart Failure, Renal Failure and Arterosclerotic Diseases, which are present in the majority of the population over age sixty-five (65) certainly increases the risk of mortality.

HOSPITAL REVIEW

The Medical Staff of McNairy County General Hospital conducts a monthly review of deaths which occur at our hospital with results of their findings documented in the minutes of the Executive/Quality Assurance Committee meeting and forwarded to the Board of Trustees through the Administrator for additional review, evaluation and disposition. Any indication of a potential problem leads to prompt investigation and immediate action if indicated. Quality of care is of paramount importance to the Hospital Staff, Medical Staff, Administration and Governing Body at McNairy County General Hospital.

SLM:eb

C.C. Robert P. Hanna
Administrator/CEO

MEDICAL CENTER OF MANCHESTER

Rt 6 Box 6015 Interstate Dr
Manchester, TN 37355

Medicare Provider Number: 440203

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	245	7.8	7.3	2.2	12.2	11.4	3.1	17.1	14.8	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	31.6	*	16.7	35.2	*	33.3	38.6	*
Congestive Heart Failure	14	35.7	17.2	*	35.7	28.1	*	42.9	36.3	*
Pneumonia/Influenza	19	15.8	15.1	*	21.1	20.2	*	31.6	24.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.4	*	0.0	10.2	*	0.0	14.9	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.3	*	0.0	5.3	*
Stroke	3	33.3	15.7	*	33.3	20.9	*	33.3	24.9	*
Hip Fracture	9	0.0	4.3	*	11.1	8.4	*	22.2	11.6	*
Sepsis	1	100.0	45.3	*	100.0	54.8	*	100.0	61.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.1	*	33.3	6.1	*	33.3	8.3	*
Open Reduction of Hip Fracture	7	0.0	3.6	*	0.0	7.5	*	14.3	10.6	*
Prostatectomy	6	0.0	1.4	*	0.0	3.5	*	0.0	6.2	*
Cholecystectomy	3	0.0	1.5	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	73
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

MEDICAL CENTER OF MANCHESTER

Medicare Provider Number: 440203

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	281	6.0	8.0	2.4	8.9	12.2	3.1	11.0	15.6	3.9
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	25.9	*	25.0	33.0	*	25.0	37.7	*
Congestive Heart Failure	21	9.5	18.3	*	23.8	27.1	*	28.6	34.4	*
Pneumonia/Influenza	22	9.1	13.8	*	13.6	18.7	*	18.2	23.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.5	*	0.0	9.7	*	0.0	13.7	*
Transient Cerebral Ischemia	7	0.0	2.4	*	0.0	5.7	*	0.0	9.4	*
Stroke	11	9.1	24.9	*	9.1	31.4	*	18.2	36.0	*
Hip Fracture	5	0.0	4.2	*	20.0	8.4	*	20.0	11.5	*
Sepsis	1	0.0	26.4	*	0.0	31.4	*	0.0	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.0	*	25.0	8.5	*	25.0	11.8	*
Open Reduction of Hip Fracture	1	0.0	3.3	*	0.0	6.3	*	0.0	8.5	*
Prostatectomy	5	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	4	0.0	4.6	*	0.0	9.4	*	0.0	13.4	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	255	6.3	7.7	2.7	9.4	11.8	3.5	11.8	15.2	4.6
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	34.2	*	66.7	41.2	*	66.7	45.6	*
Congestive Heart Failure	14	14.3	19.2	*	21.4	28.2	*	21.4	35.3	*
Pneumonia/Influenza	19	10.5	14.3	*	10.5	20.0	*	10.5	24.8	*
Chronic Obstructive Pulmonary Disease	10	10.0	12.9	*	10.0	19.9	*	10.0	24.2	*
Transient Cerebral Ischemia	13	0.0	2.7	*	15.4	6.3	*	23.1	10.5	*
Stroke	4	50.0	16.8	*	50.0	22.1	*	50.0	26.2	*
Hip Fracture	6	0.0	5.1	*	0.0	9.1	*	0.0	11.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.4	*	0.0	8.3	*	0.0	11.0	*
Open Reduction of Hip Fracture	2	0.0	6.1	*	0.0	10.7	*	0.0	13.5	*
Prostatectomy	7	0.0	2.0	*	0.0	4.6	*	0.0	7.2	*
Cholecystectomy	5	0.0	1.7	*	0.0	3.2	*	20.0	4.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL

2500 Citico Ave
Chattanooga, TN 37404

Medicare Provider Number: 440091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,749	7.3	7.6	0.7	12.0	11.9	0.7	15.8	15.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	97	26.8	26.2	4.8	29.9	29.4	4.8	30.9	32.7	5.0
Congestive Heart Failure	147	13.6	14.8	4.5	19.7	23.0	5.1	29.3	29.6	3.8
Pneumonia/Influenza	141	13.5	17.0	4.0	24.8	23.0	3.7	28.4	27.7	3.9
Chronic Obstructive Pulmonary Disease	50	14.0	9.3	*	18.0	16.0	*	18.0	21.4	*
Transient Cerebral Ischemia	74	1.4	1.6	1.9	5.4	3.6	3.3	8.1	5.7	5.0
Stroke	118	18.6	19.3	3.9	28.8	26.5	5.0	28.8	31.0	5.4
Hip Fracture	96	5.2	7.1	3.5	11.5	12.2	3.9	16.7	15.5	4.0
Sepsis	24	29.2	30.1	*	45.8	41.1	*	50.0	48.1	*
PROCEDURES:										
Angioplasty	32	0.0	2.3	*	0.0	3.3	*	6.3	4.2	*
Coronary Artery Bypass Graft	90	1.1	5.3	4.0	4.4	7.7	5.1	4.4	9.1	5.7
Initial Pacemaker Insertion	20	0.0	2.3	*	5.0	4.9	*	5.0	7.4	*
Carotid Endarterectomy	20	0.0	1.3	*	5.0	2.4	*	5.0	3.6	*
Hip Replacement/Reconstruction	76	2.6	3.0	2.5	5.3	5.7	3.6	6.6	7.7	3.4
Open Reduction of Hip Fracture	60	5.0	6.6	3.9	8.3	11.9	5.8	15.0	15.2	4.8
Prostatectomy	174	0.6	0.6	0.7	0.6	1.5	1.2	2.3	2.5	1.3
Cholecystectomy	82	3.7	2.8	2.0	7.3	5.1	3.1	8.5	6.7	5.7
Hysterectomy	71	1.4	0.8	1.8	2.8	1.7	3.0	4.2	2.8	3.6

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	346
Occupancy Rate	69
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	326
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	306
Licensed Practical Nurses	49

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 440091

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,719	7.2	7.0	0.4	11.1	11.1	0.5	14.5	14.4	0.6
CONDITIONS:										
Acute Myocardial Infarction	79	26.6	27.3	5.4	30.4	31.0	7.0	30.4	34.5	7.4
Congestive Heart Failure	115	24.3	15.8	4.9	30.4	24.2	5.0	40.0	31.1	5.6
Pneumonia/Influenza	124	20.2	16.4	4.1	27.4	22.2	4.6	33.1	26.8	5.6
Chronic Obstructive Pulmonary Disease	40	12.5	8.8	*	17.5	15.8	*	27.5	21.7	*
Transient Cerebral Ischemia	59	0.0	1.9	*	1.7	4.0	*	3.4	6.4	*
Stroke	122	14.8	21.2	7.5	22.1	28.1	8.3	27.9	32.7	7.9
Hip Fracture	90	7.8	6.7	3.0	10.0	12.2	4.1	15.6	15.8	4.0
Sepsis	17	11.8	26.1	*	23.5	36.2	*	41.2	42.9	*
PROCEDURES:										
Angioplasty	29	3.4	3.4	*	3.4	4.0	*	3.4	4.8	*
Coronary Artery Bypass Graft	90	2.2	6.1	3.3	6.7	7.9	4.5	6.7	9.2	3.3
Initial Pacemaker Insertion	18	5.6	3.2	*	11.1	6.2	*	16.7	9.0	*
Carotid Endarterectomy	8	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	60	3.3	3.7	2.9	3.3	7.0	6.0	13.3	9.2	5.4
Open Reduction of Hip Fracture	49	12.2	6.1	*	16.3	11.6	*	16.3	15.2	*
Prostatectomy	173	0.0	0.7	0.9	2.3	1.8	1.5	2.9	3.1	1.7
Cholecystectomy	84	1.2	2.3	2.0	2.4	4.1	3.6	2.4	5.4	5.1
Hysterectomy	58	1.7	0.8	1.4	1.7	1.7	1.8	1.7	2.7	2.5

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,252	6.9	7.0	0.6	11.8	11.2	1.0	14.7	14.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	85	28.2	27.1	5.5	35.3	30.0	7.1	36.5	33.1	5.4
Congestive Heart Failure	103	16.5	16.5	3.8	25.2	24.7	5.4	32.0	31.4	5.9
Pneumonia/Influenza	74	23.0	18.0	7.5	33.8	24.5	9.4	36.5	29.6	8.4
Chronic Obstructive Pulmonary Disease	28	10.7	11.2	*	21.4	18.4	*	32.1	23.8	*
Transient Cerebral Ischemia	47	2.1	2.1	*	2.1	4.4	*	4.3	6.9	*
Stroke	83	20.5	22.7	4.9	26.5	29.9	6.4	28.9	34.6	8.8
Hip Fracture	74	6.8	7.4	3.1	13.5	13.3	4.0	18.9	17.3	5.2
Sepsis	22	18.2	21.7	*	22.7	28.5	*	31.8	33.4	*
PROCEDURES:										
Angioplasty	26	3.8	2.5	*	3.8	3.2	*	3.8	4.1	*
Coronary Artery Bypass Graft	69	4.3	5.6	3.9	5.8	7.3	3.9	5.8	8.3	4.1
Initial Pacemaker Insertion	24	0.0	2.6	*	0.0	5.3	*	4.2	7.9	*
Carotid Endarterectomy	23	0.0	1.6	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	43	7.0	4.9	*	16.3	9.2	*	20.9	12.3	*
Open Reduction of Hip Fracture	46	8.7	6.3	*	13.0	11.9	*	15.2	15.7	*
Prostatectomy	187	1.1	0.8	0.7	2.1	2.0	1.2	2.1	3.4	1.7
Cholecystectomy	82	0.0	2.0	2.5	3.7	3.3	2.2	4.9	4.2	2.8
Hysterectomy	50	0.0	0.8	*	4.0	1.8	*	8.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METHODIST HOSPITAL OF DYERSBURG

400 Tickle St
Dyersburg, TN 38024

Medicare Provider Number: 440072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,091	10.3	9.0	1.1	14.9	13.5	1.5	19.1	17.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	46	26.1	27.1	*	28.3	31.0	*	39.1	34.6	*
Congestive Heart Failure	59	13.6	13.0	5.8	25.4	21.4	11.5	32.2	28.3	11.4
Pneumonia/Influenza	67	11.9	12.6	4.1	20.9	17.7	5.0	26.9	21.7	6.4
Chronic Obstructive Pulmonary Disease	19	0.0	5.2	*	15.8	10.8	*	21.1	15.7	*
Transient Cerebral Ischemia	15	0.0	1.8	*	6.7	4.1	*	13.3	6.7	*
Stroke	37	24.3	20.6	*	32.4	27.3	*	37.8	31.8	*
Hip Fracture	28	3.6	5.3	*	10.7	9.9	*	14.3	13.1	*
Sepsis	18	11.1	21.4	*	33.3	28.2	*	38.9	34.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	4.4	*	7.1	7.9	*	7.1	10.9	*
Carotid Endarterectomy	2	0.0	2.3	*	0.0	4.9	*	0.0	6.9	*
Hip Replacement/Reconstruction	10	0.0	3.3	*	0.0	6.5	*	0.0	8.9	*
Open Reduction of Hip Fracture	20	5.0	5.0	*	15.0	9.6	*	20.0	12.9	*
Prostatectomy	6	0.0	1.7	*	0.0	3.9	*	0.0	6.2	*
Cholecystectomy	36	0.0	1.8	*	0.0	3.2	*	2.8	4.1	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	240
Occupancy Rate	73
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	61
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL OF DYERSBURG

Medicare Provider Number: 440072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,155	10.4	9.3	0.9	15.8	14.0	1.2	20.3	17.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	49	38.8	31.5	*	42.9	34.4	*	51.0	37.7	*
Congestive Heart Failure	51	7.8	12.3	8.3	17.6	19.3	9.9	33.3	25.4	8.2
Pneumonia/Influenza	63	20.6	14.9	7.5	25.4	20.4	10.3	33.3	24.6	12.2
Chronic Obstructive Pulmonary Disease	16	0.0	3.9	*	12.5	8.3	*	18.8	12.5	*
Transient Cerebral Ischemia	16	0.0	2.7	*	6.3	6.5	*	6.3	10.7	*
Stroke	33	15.2	16.8	*	21.2	23.5	*	27.3	28.2	*
Hip Fracture	22	4.5	4.6	*	4.5	8.6	*	4.5	11.3	*
Sepsis	25	28.0	28.8	*	32.0	37.2	*	44.0	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.5	*	12.5	4.9	*	12.5	7.4	*
Carotid Endarterectomy	1	0.0	1.7	*	100.0	2.9	*	100.0	4.2	*
Hip Replacement/Reconstruction	12	8.3	4.2	*	8.3	8.1	*	8.3	10.9	*
Open Reduction of Hip Fracture	10	0.0	4.1	*	0.0	7.9	*	0.0	10.6	*
Prostatectomy	20	0.0	1.0	*	5.0	2.5	*	10.0	4.3	*
Cholecystectomy	32	3.1	3.2	*	6.3	5.8	*	9.4	7.6	*
Hysterectomy	10	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,136	10.9	8.4	1.1	16.4	13.0	1.4	20.0	16.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	38	34.2	27.9	*	36.8	30.7	*	36.8	33.9	*
Congestive Heart Failure	59	15.3	12.9	7.3	22.0	20.0	6.0	25.4	26.3	5.8
Pneumonia/Influenza	68	13.2	15.9	5.7	20.6	21.8	5.2	23.5	26.4	6.8
Chronic Obstructive Pulmonary Disease	14	14.3	4.8	*	21.4	10.0	*	21.4	15.2	*
Transient Cerebral Ischemia	25	0.0	2.0	*	0.0	4.3	*	4.0	6.9	*
Stroke	50	24.0	16.4	*	34.0	23.3	*	42.0	27.6	*
Hip Fracture	38	2.6	5.3	*	10.5	10.1	*	15.8	13.4	*
Sepsis	8	37.5	23.8	*	50.0	30.6	*	50.0	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.0	*	16.7	4.0	*	16.7	6.0	*
Carotid Endarterectomy	3	0.0	2.2	*	0.0	4.4	*	0.0	6.7	*
Hip Replacement/Reconstruction	11	0.0	5.0	*	9.1	9.6	*	9.1	13.0	*
Open Reduction of Hip Fracture	27	3.7	4.5	*	11.1	9.0	*	18.5	12.4	*
Prostatectomy	24	4.2	0.9	*	4.2	2.3	*	8.3	4.0	*
Cholecystectomy	26	0.0	1.5	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	9	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METHODIST HOSPITAL OF LEXINGTON

200 W Church St
Lexington, TN 38351

Medicare Provider Number: 440008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	504	8.3	9.0	1.4	13.9	13.8	1.6	18.1	17.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	26.8	*	0.0	29.2	*	0.0	32.3	*
Congestive Heart Failure	37	16.2	16.0	*	35.1	24.2	*	45.9	31.1	*
Pneumonia/Influenza	44	11.4	15.5	*	11.4	21.0	*	18.2	25.6	*
Chronic Obstructive Pulmonary Disease	18	0.0	7.7	*	5.6	14.5	*	11.1	20.1	*
Transient Cerebral Ischemia	16	0.0	2.0	*	0.0	4.6	*	0.0	7.6	*
Stroke	22	31.8	21.7	*	36.4	29.1	*	40.9	34.0	*
Hip Fracture	0									
Sepsis	3	33.3	38.9	*	33.3	47.0	*	33.3	54.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	2.4	*	0.0	3.8	*	0.0	4.7	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	42
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL OF LEXINGTON

Medicare Provider Number: 440008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	470	13.8	10.1	1.7	16.6	14.8	1.7	18.1	18.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	27.2	*	42.9	29.7	*	42.9	32.8	*
Congestive Heart Failure	28	28.6	20.6	*	32.1	31.8	*	32.1	40.1	*
Pneumonia/Influenza	42	11.9	14.1	*	11.9	19.2	*	11.9	23.4	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.4	*	0.0	12.0	*	0.0	16.6	*
Transient Cerebral Ischemia	11	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	28	39.3	19.9	*	42.9	26.7	*	46.4	31.3	*
Hip Fracture	0									
Sepsis	7	28.6	35.9	*	28.6	40.8	*	28.6	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	4.0	*	10.0	7.6	*	10.0	9.9	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	515	11.1	9.8	1.9	15.1	14.4	1.7	17.5	18.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	37.6	*	25.0	41.7	*	25.0	46.1	*
Congestive Heart Failure	35	14.3	15.4	*	14.3	22.7	*	20.0	29.2	*
Pneumonia/Influenza	45	22.2	16.0	*	31.1	22.1	*	35.6	27.2	*
Chronic Obstructive Pulmonary Disease	16	0.0	8.4	*	0.0	13.9	*	0.0	18.6	*
Transient Cerebral Ischemia	13	0.0	2.0	*	7.7	4.3	*	7.7	6.9	*
Stroke	37	32.4	24.1	*	37.8	31.8	*	40.5	37.0	*
Hip Fracture	4	25.0	4.1	*	50.0	7.7	*	50.0	10.4	*
Sepsis	5	20.0	30.4	*	20.0	35.3	*	40.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METHODIST HOSPITAL OF MCKENZIE

945 N Highland
McKenzie, TN 38201

Medicare Provider Number: 440182

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	391	5.9	7.3	1.6	12.0	11.6	1.9	15.3	15.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	26.4	*	66.7	28.8	*	66.7	31.9	*
Congestive Heart Failure	32	9.4	13.3	*	25.0	21.1	*	34.4	27.6	*
Pneumonia/Influenza	26	7.7	14.9	*	11.5	20.3	*	15.4	24.6	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.1	*	0.0	8.3	*	0.0	12.5	*
Transient Cerebral Ischemia	9	11.1	1.7	*	22.2	3.9	*	22.2	6.4	*
Stroke	17	11.8	19.4	*	29.4	26.3	*	29.4	30.8	*
Hip Fracture	2	0.0	3.5	*	0.0	6.5	*	0.0	9.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.8	*	0.0	6.8	*	0.0	9.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.1	*	0.0	2.7	*	0.0	4.7	*
Cholecystectomy	4	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	54
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL OF MCKENZIE

Medicare Provider Number: 440182

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	425	7.3	8.0	2.1	11.1	12.3	2.8	13.2	15.8	3.6
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	32.5	*	20.0	35.3	*	20.0	38.7	*
Congestive Heart Failure	25	12.0	14.3	*	20.0	22.9	*	24.0	29.9	*
Pneumonia/Influenza	30	13.3	15.2	*	13.3	20.5	*	16.7	24.8	*
Chronic Obstructive Pulmonary Disease	22	4.5	7.1	*	4.5	12.3	*	13.6	16.9	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	5.0	*	0.0	7.9	*
Stroke	14	28.6	21.0	*	28.6	26.5	*	35.7	30.8	*
Hip Fracture	2	0.0	5.9	*	0.0	11.1	*	0.0	14.5	*
Sepsis	4	25.0	32.8	*	25.0	38.1	*	25.0	43.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	12	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy	7	0.0	1.4	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	451	8.4	7.1	1.4	11.8	11.4	1.5	13.7	15.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	20.7	*	42.9	24.5	*	42.9	28.2	*
Congestive Heart Failure	23	26.1	16.2	*	43.5	25.2	*	43.5	32.4	*
Pneumonia/Influenza	19	5.3	13.8	*	5.3	18.9	*	10.5	23.1	*
Chronic Obstructive Pulmonary Disease	15	6.7	5.8	*	13.3	11.5	*	13.3	16.2	*
Transient Cerebral Ischemia	18	0.0	1.7	*	5.6	3.7	*	11.1	5.8	*
Stroke	14	42.9	30.9	*	42.9	40.4	*	42.9	46.6	*
Hip Fracture	3	0.0	8.4	*	33.3	16.6	*	33.3	22.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	10.4	*	50.0	21.2	*	50.0	28.6	*
Open Reduction of Hip Fracture	3	0.0	7.2	*	33.3	14.9	*	33.3	20.5	*
Prostatectomy	9	0.0	1.2	*	11.1	3.0	*	11.1	5.4	*
Cholecystectomy	5	0.0	1.2	*	20.0	2.4	*	20.0	3.4	*
Hysterectomy	2	0.0	0.5	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METHODIST HOSPITAL OF MID TENNESSEE

Cowan Rd
Winchester, TN 37398

Medicare Provider Number: 440058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,161	12.2	10.1	1.3	17.7	15.5	1.4	21.4	19.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	35	31.4	24.5	*	40.0	27.3	*	40.0	30.6	*
Congestive Heart Failure	68	22.1	16.7	7.1	29.4	25.8	7.6	38.2	32.9	9.9
Pneumonia/Influenza	66	15.2	17.6	5.5	25.8	24.0	7.3	30.3	29.0	6.6
Chronic Obstructive Pulmonary Disease	24	29.2	11.8	*	37.5	19.0	*	45.8	24.9	*
Transient Cerebral Ischemia	27	3.7	2.0	*	7.4	4.4	*	7.4	7.1	*
Stroke	47	23.4	20.5	*	36.2	27.5	*	38.3	32.2	*
Hip Fracture	40	12.5	7.7	*	15.0	13.2	*	17.5	16.7	*
Sepsis	19	47.4	33.4	*	47.4	43.2	*	57.9	49.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.4	*	0.0	4.7	*	0.0	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	5.9	*	6.3	11.3	*	6.3	15.4	*
Open Reduction of Hip Fracture	28	14.3	6.4	*	17.9	11.4	*	17.9	14.5	*
Prostatectomy	19	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	27	3.7	2.0	*	3.7	3.4	*	3.7	4.4	*
Hysterectomy	18	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	189
Occupancy Rate	70
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	79
Licensed Practical Nurses	48

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

METHODIST HOSPITAL OF MID TENNESSEE

Medicare Provider Number: 440058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,137	9.9	9.1	1.1	13.3	13.8	1.1	16.4	17.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	32	25.0	26.4	*	37.5	29.4	*	37.5	32.9	*
Congestive Heart Failure	63	23.8	15.6	5.1	25.4	24.0	5.4	27.0	30.9	5.9
Pneumonia/Influenza	52	11.5	17.1	8.0	19.2	23.2	7.5	23.1	27.9	8.8
Chronic Obstructive Pulmonary Disease	29	3.4	7.3	*	6.9	12.7	*	10.3	17.2	*
Transient Cerebral Ischemia	31	0.0	2.0	*	0.0	4.4	*	3.2	7.0	*
Stroke	42	21.4	23.1	*	35.7	29.8	*	38.1	34.4	*
Hip Fracture	30	3.3	6.7	*	6.7	11.9	*	10.0	15.4	*
Sepsis	15	53.3	34.2	*	53.3	41.8	*	60.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.1	*	0.0	3.7	*	0.0	5.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	4.8	*	5.9	8.9	*	5.9	11.4	*
Open Reduction of Hip Fracture	17	5.9	5.3	*	5.9	10.3	*	11.8	13.8	*
Prostatectomy	18	0.0	1.7	*	0.0	4.1	*	0.0	6.7	*
Cholecystectomy	28	0.0	1.6	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	849	10.0	8.7	1.3	14.3	13.1	1.3	17.2	16.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	31.3	*	41.2	34.9	*	41.2	38.4	*
Congestive Heart Failure	46	17.4	14.0	*	32.6	21.8	*	39.1	28.5	*
Pneumonia/Influenza	54	18.5	18.2	5.7	24.1	24.3	7.7	25.9	29.1	9.6
Chronic Obstructive Pulmonary Disease	16	12.5	9.0	*	18.8	14.9	*	18.8	19.6	*
Transient Cerebral Ischemia	20	0.0	2.0	*	0.0	4.2	*	5.0	6.7	*
Stroke	23	21.7	26.3	*	26.1	31.7	*	26.1	35.8	*
Hip Fracture	28	7.1	7.3	*	14.3	12.8	*	17.9	16.4	*
Sepsis	11	18.2	33.2	*	27.3	42.4	*	36.4	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	5.3	*	11.1	8.9	*	11.1	11.1	*
Open Reduction of Hip Fracture	15	6.7	6.3	*	13.3	11.6	*	20.0	14.9	*
Prostatectomy	15	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	20	5.0	3.0	*	5.0	5.6	*	5.0	7.4	*
Hysterectomy	13	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METHODIST HOSPITAL OF SOMERVILLE

213 Lakeview Dr Bx 98
Somerville, TN 38068

Medicare Provider Number: 440168

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	368	10.6	10.7	1.9	14.9	16.1	2.4	18.5	20.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	11	54.5	35.7	*	54.5	41.1	*	54.5	46.3	*
Congestive Heart Failure	15	0.0	11.7	*	0.0	18.3	*	6.7	24.1	*
Pneumonia/Influenza	24	16.7	19.6	*	33.3	27.0	*	41.7	32.7	*
Chronic Obstructive Pulmonary Disease	8	0.0	9.0	*	12.5	15.7	*	12.5	20.9	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.9	*	0.0	8.1	*
Stroke	11	27.3	25.3	*	27.3	33.1	*	27.3	38.5	*
Hip Fracture	1	0.0	5.9	*	0.0	11.8	*	0.0	16.4	*
Sepsis	13	30.8	38.1	*	53.8	47.4	*	61.5	54.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.1	*	0.0	2.7	*	0.0	4.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	13	0.0	1.4	*	0.0	3.4	*	0.0	5.8	*
Cholecystectomy	5	20.0	2.0	*	20.0	3.9	*	20.0	5.3	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	47
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL OF SOMERVILLE

Medicare Provider Number: 440168

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	349	13.5	11.2	2.5	19.2	16.6	2.7	22.1	21.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	40.2	*	54.5	44.6	*	54.5	49.3	*
Congestive Heart Failure	19	15.8	19.7	*	26.3	29.8	*	26.3	37.4	*
Pneumonia/Influenza	17	23.5	19.0	*	29.4	25.3	*	41.2	30.3	*
Chronic Obstructive Pulmonary Disease	5	20.0	10.7	*	40.0	20.4	*	40.0	28.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.3	*	0.0	6.8	*
Stroke	13	30.8	24.1	*	30.8	31.8	*	38.5	37.3	*
Hip Fracture	0									
Sepsis	9	55.6	50.2	*	55.6	59.2	*	66.7	67.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.4	*	0.0	7.4	*	0.0	11.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	18	0.0	1.5	*	0.0	3.9	*	0.0	6.7	*
Cholecystectomy	8	0.0	3.7	*	0.0	6.8	*	0.0	8.8	*
Hysterectomy	6	0.0	0.6	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	343	7.6	9.6	2.3	12.2	14.1	2.4	17.2	17.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	29.1	*	21.4	32.5	*	21.4	36.8	*
Congestive Heart Failure	10	0.0	15.4	*	10.0	23.6	*	20.0	30.5	*
Pneumonia/Influenza	17	23.5	17.6	*	23.5	24.5	*	41.2	29.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.2	*	14.3	15.1	*	14.3	20.0	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.9	*	8.3	7.8	*
Stroke	14	14.3	17.5	*	21.4	23.4	*	28.6	28.2	*
Hip Fracture	1	0.0	4.4	*	0.0	8.6	*	0.0	12.0	*
Sepsis	12	41.7	32.2	*	41.7	39.6	*	50.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	12.2	*	0.0	26.8	*	0.0	38.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	20	5.0	1.4	*	5.0	3.5	*	5.0	5.8	*
Cholecystectomy	4	0.0	2.3	*	0.0	5.0	*	0.0	7.1	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METHODIST HOSPITALS OF MEMPHIS

1265 Union Ave
Memphis, TN 38104

Medicare Provider Number: 440049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	8,744	7.3	8.7	0.3	12.5	13.3	0.5	16.0	16.8	0.4
CONDITIONS:										
Acute Myocardial Infarction	254	22.4	30.5	4.4	26.8	33.6	4.2	30.3	37.0	4.1
Congestive Heart Failure	398	10.1	14.3	2.5	20.4	22.1	2.4	26.1	28.6	2.5
Pneumonia/Influenza	288	19.4	17.0	2.8	26.0	23.1	4.3	31.3	27.9	4.6
Chronic Obstructive Pulmonary Disease	147	5.4	6.9	3.1	12.9	11.9	4.2	18.4	16.3	4.3
Transient Cerebral Ischemia	140	1.4	1.7	1.3	2.1	3.7	2.1	2.9	5.8	3.1
Stroke	337	21.4	20.4	2.4	26.7	26.8	2.5	30.9	31.1	2.7
Hip Fracture	172	5.2	7.2	2.6	9.9	12.4	3.1	16.3	15.8	2.9
Sepsis	86	30.2	30.5	5.3	43.0	40.2	5.8	50.0	46.7	7.8
PROCEDURES:										
Angioplasty	120	2.5	3.8	2.6	3.3	4.9	3.2	4.2	6.1	3.5
Coronary Artery Bypass Graft	377	6.1	6.0	1.3	9.8	8.2	1.6	11.4	9.6	1.8
Initial Pacemaker Insertion	112	0.9	4.3	2.8	7.1	7.9	5.0	9.8	11.1	5.2
Carotid Endarterectomy	50	2.0	1.5	*	2.0	2.7	*	2.0	3.9	*
Hip Replacement/Reconstruction	129	2.3	3.6	2.0	3.9	6.4	2.7	9.3	8.3	2.6
Open Reduction of Hip Fracture	60	5.0	6.5	3.4	13.3	11.7	4.5	18.3	15.0	6.4
Prostatectomy	243	0.0	1.6	1.6	3.3	3.5	1.3	6.6	5.7	1.8
Cholecystectomy	148	2.7	2.8	1.7	5.4	4.8	1.8	7.4	6.3	2.4
Hysterectomy	46	0.0	0.9	*	0.0	1.7	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	1,058
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	548
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	60
Registered Nurses	871
Licensed Practical Nurses	175

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITALS OF MEMPHIS

Medicare Provider Number: 440049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9,048	7.9	8.9	0.4	13.0	13.6	0.4	16.6	17.3	0.4
CONDITIONS:										
Acute Myocardial Infarction	272	25.7	30.0	4.0	27.9	33.1	4.3	29.8	36.5	4.8
Congestive Heart Failure	399	15.3	15.2	1.9	25.8	23.4	2.4	30.8	30.2	2.3
Pneumonia/Influenza	285	18.6	17.3	4.3	27.0	23.2	4.2	29.8	28.0	3.5
Chronic Obstructive Pulmonary Disease	144	8.3	7.1	2.4	14.6	12.3	3.4	17.4	16.7	4.0
Transient Cerebral Ischemia	195	3.1	1.9	1.9	5.1	4.0	2.4	7.7	6.2	2.3
Stroke	347	13.8	21.2	3.0	22.5	27.7	2.8	28.8	32.2	2.8
Hip Fracture	185	5.4	7.2	2.2	11.9	12.7	2.5	16.2	16.1	3.0
Sepsis	78	34.6	33.8	5.4	46.2	43.9	7.7	48.7	51.1	6.3
PROCEDURES:										
Angioplasty	69	8.7	4.8	4.5	8.7	5.9	4.7	8.7	7.1	4.9
Coronary Artery Bypass Graft	343	7.0	6.7	1.6	8.7	8.9	1.8	9.3	10.2	2.4
Initial Pacemaker Insertion	89	4.5	4.8	2.3	11.2	8.2	3.7	11.2	11.4	4.2
Carotid Endarterectomy	53	3.8	1.9	2.5	3.8	3.5	2.7	3.8	5.1	3.5
Hip Replacement/Reconstruction	114	3.5	4.2	2.0	7.9	7.7	2.5	13.2	10.0	3.5
Open Reduction of Hip Fracture	67	4.5	6.5	3.6	14.9	12.0	4.9	17.9	15.7	6.0
Prostatectomy	259	0.0	1.4	1.1	1.9	3.3	1.5	4.2	5.5	1.9
Cholecystectomy	151	2.0	2.9	1.6	5.3	5.3	1.9	7.3	7.1	2.2
Hysterectomy	49	4.1	2.2	*	6.1	3.7	*	6.1	4.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9,055	7.5	9.0	0.3	12.6	13.8	0.5	16.0	17.5	0.4
CONDITIONS:										
Acute Myocardial Infarction	259	23.6	31.3	3.7	26.6	34.6	3.7	29.7	38.0	3.8
Congestive Heart Failure	384	13.0	16.4	3.7	23.4	24.9	3.5	30.5	31.8	3.5
Pneumonia/Influenza	245	15.5	18.2	4.8	22.9	24.3	3.9	27.8	29.2	4.4
Chronic Obstructive Pulmonary Disease	151	9.9	9.3	3.8	17.2	15.6	3.9	21.2	20.4	3.9
Transient Cerebral Ischemia	202	1.5	2.0	1.5	2.5	4.2	2.6	4.0	6.6	3.7
Stroke	354	18.1	23.0	3.1	26.6	29.9	3.1	32.5	34.5	2.7
Hip Fracture	199	9.0	7.9	2.0	12.1	13.7	2.8	14.6	17.4	3.2
Sepsis	90	28.9	30.3	6.9	33.3	38.8	6.6	36.7	45.1	8.2
PROCEDURES:										
Angioplasty	81	7.4	7.0	3.0	8.6	8.3	3.1	9.9	9.6	3.3
Coronary Artery Bypass Graft	264	8.3	7.1	1.8	11.4	9.1	2.1	12.9	10.3	2.2
Initial Pacemaker Insertion	90	2.2	3.6	2.3	6.7	7.2	2.8	12.2	10.1	3.7
Carotid Endarterectomy	52	0.0	1.4	2.1	1.9	2.5	2.6	1.9	3.6	3.0
Hip Replacement/Reconstruction	126	5.6	4.7	2.5	6.3	8.6	3.4	8.7	11.2	5.0
Open Reduction of Hip Fracture	57	10.5	6.8	4.7	12.3	12.7	4.6	14.0	16.5	5.2
Prostatectomy	246	1.6	1.6	0.8	3.3	3.7	1.3	6.1	6.1	1.6
Cholecystectomy	161	3.7	3.8	2.1	7.5	6.1	2.5	9.3	7.6	2.5
Hysterectomy	55	0.0	1.2	1.9	1.8	2.6	2.2	3.6	4.0	2.9

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METHODIST MEDICAL CENTER OF OAK RIDGE

990 Oak Ridge Turnpike Box 529
Oak Ridge, TN 37830

Medicare Provider Number: 440034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,584	9.2	9.0	1.0	12.8	13.4	1.1	15.9	16.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	98	26.5	28.2	5.1	31.6	31.4	4.9	34.7	35.0	5.2
Congestive Heart Failure	84	20.2	16.7	6.2	27.4	26.4	5.0	32.1	34.0	5.4
Pneumonia/Influenza	145	16.6	15.3	3.3	20.7	21.2	3.4	23.4	25.8	4.6
Chronic Obstructive Pulmonary Disease	54	5.6	6.6	3.6	9.3	12.0	6.4	11.1	16.9	10.0
Transient Cerebral Ischemia	39	7.7	1.7	*	12.8	3.6	*	12.8	5.6	*
Stroke	89	21.3	21.6	4.4	28.1	28.2	5.3	29.2	32.9	7.0
Hip Fracture	84	7.1	6.7	2.8	10.7	11.8	3.6	11.9	15.0	4.7
Sepsis	23	17.4	28.6	*	26.1	35.5	*	26.1	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	4.3	*	9.1	7.8	*	9.1	10.8	*
Carotid Endarterectomy	49	0.0	1.4	*	0.0	2.7	*	4.1	4.1	*
Hip Replacement/Reconstruction	45	0.0	3.4	*	0.0	6.0	*	0.0	7.8	*
Open Reduction of Hip Fracture	47	10.6	6.9	*	12.8	12.7	*	14.9	16.3	*
Prostatectomy	104	0.0	0.7	1.2	1.0	1.8	1.8	2.9	3.0	1.9
Cholecystectomy	52	3.8	3.3	3.4	3.8	5.9	4.4	3.8	7.9	5.3
Hysterectomy	25	0.0	0.4	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	242
Occupancy Rate	73
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	128
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	203
Licensed Practical Nurses	95

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METHODIST MEDICAL CENTER OF OAK RIDGE

Medicare Provider Number: 440034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,539	8.8	9.3	0.8	12.9	13.6	0.9	17.0	17.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	81	32.1	33.4	5.6	35.8	36.6	5.8	38.3	40.5	6.2
Congestive Heart Failure	82	19.5	16.2	6.5	28.0	24.0	9.8	35.4	30.7	9.9
Pneumonia/Influenza	100	15.0	15.8	3.8	21.0	21.8	4.3	25.0	26.5	4.6
Chronic Obstructive Pulmonary Disease	77	6.5	6.3	3.3	9.1	11.2	4.3	13.0	15.5	5.6
Transient Cerebral Ischemia	51	0.0	1.8	*	2.0	3.8	*	5.9	5.8	*
Stroke	75	17.3	20.9	7.7	22.7	26.6	9.7	25.3	31.1	9.3
Hip Fracture	88	8.0	7.9	3.4	13.6	14.2	3.8	19.3	18.1	4.3
Sepsis	19	21.1	33.7	*	21.1	40.6	*	26.3	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	6.6	*	0.0	9.5	*	0.0	12.4	*
Carotid Endarterectomy	52	0.0	1.4	2.0	1.9	2.6	2.3	3.8	3.7	2.7
Hip Replacement/Reconstruction	70	8.6	3.3	3.0	12.9	6.3	4.1	17.1	8.4	5.6
Open Reduction of Hip Fracture	49	6.1	7.9	*	12.2	14.9	*	16.3	19.4	*
Prostatectomy	91	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	73	4.1	2.4	3.1	6.8	4.0	4.0	6.8	5.3	4.2
Hysterectomy	15	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,419	9.1	8.7	0.8	13.4	13.2	1.0	17.1	16.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	72	37.5	31.4	7.1	41.7	34.5	7.4	44.4	38.2	6.9
Congestive Heart Failure	88	21.6	16.9	9.0	30.7	25.1	9.8	37.5	32.0	9.4
Pneumonia/Influenza	89	12.4	15.9	4.9	15.7	21.7	6.9	19.1	26.3	8.6
Chronic Obstructive Pulmonary Disease	68	2.9	8.4	5.1	8.8	14.1	7.1	10.3	18.7	7.4
Transient Cerebral Ischemia	48	2.1	1.8	*	4.2	3.7	*	4.2	5.7	*
Stroke	69	24.6	21.5	7.4	29.0	27.6	6.1	30.4	32.1	5.8
Hip Fracture	65	1.5	5.8	3.8	1.5	10.6	5.6	4.6	14.0	6.3
Sepsis	15	6.7	26.6	*	46.7	33.4	*	53.3	39.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	6.3	*	16.7	10.4	*	25.0	13.8	*
Carotid Endarterectomy	47	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	42	2.4	5.1	*	4.8	9.0	*	7.1	11.7	*
Open Reduction of Hip Fracture	37	0.0	5.0	*	0.0	9.8	*	5.4	13.3	*
Prostatectomy	99	0.0	0.8	1.1	0.0	1.8	2.1	3.0	3.1	1.9
Cholecystectomy	42	9.5	2.2	*	9.5	3.7	*	9.5	4.8	*
Hysterectomy	18	5.6	1.3	*	5.6	2.2	*	5.6	2.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

METRO NASHVILLE GENERAL HOSPITAL

72 Hermitage Av
Nashville, TN 37210

Medicare Provider Number: 440111

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	617	13.0	9.2	1.4	18.8	14.0	1.8	24.0	17.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	25.4	*	44.4	28.5	*	50.0	32.0	*
Congestive Heart Failure	27	7.4	12.2	*	14.8	19.4	*	18.5	25.6	*
Pneumonia/Influenza	21	14.3	10.8	*	19.0	14.8	*	28.6	18.3	*
Chronic Obstructive Pulmonary Disease	7	14.3	8.3	*	14.3	14.4	*	14.3	19.8	*
Transient Cerebral Ischemia	6	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*
Stroke	28	21.4	18.1	*	28.6	23.7	*	35.7	27.7	*
Hip Fracture	12	0.0	5.2	*	8.3	9.1	*	8.3	11.8	*
Sepsis	20	50.0	20.6	*	50.0	26.6	*	60.0	31.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	10.2	*	0.0	21.7	*	0.0	32.2	*
Open Reduction of Hip Fracture	2	0.0	4.4	*	0.0	7.6	*	0.0	9.7	*
Prostatectomy	3	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	4	0.0	2.6	*	0.0	4.1	*	0.0	5.1	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	178
Occupancy Rate	66
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	65
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	153
Licensed Practical Nurses	114

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

METRO NASHVILLE GENERAL HOSPITAL

Medicare Provider Number: 440111

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	674	11.0	9.4	1.6	15.7	14.2	2.2	20.0	17.9	2.6
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	32.0	*	33.3	35.5	*	33.3	39.2	*
Congestive Heart Failure	35	17.1	14.2	*	22.9	22.2	*	34.3	28.8	*
Pneumonia/Influenza	19	21.1	12.2	*	21.1	17.2	*	21.1	20.9	*
Chronic Obstructive Pulmonary Disease	7	28.6	12.3	*	42.9	18.7	*	42.9	23.6	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Stroke	23	26.1	21.4	*	34.8	26.7	*	34.8	30.7	*
Hip Fracture	18	0.0	3.9	*	5.6	7.2	*	16.7	9.6	*
Sepsis	13	30.8	20.2	*	30.8	26.3	*	38.5	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.4	*	100.0	8.2	*	100.0	11.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.3	*	12.5	9.7	*	12.5	14.4	*
Open Reduction of Hip Fracture	1	0.0	2.8	*	0.0	5.2	*	0.0	7.0	*
Prostatectomy	9	0.0	0.8	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	2	0.0	1.4	*	0.0	2.5	*	0.0	3.1	*
Hysterectomy	5	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	696	11.1	8.8	1.6	17.0	13.6	2.2	19.4	17.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	20	25.0	20.9	*	30.0	24.0	*	40.0	27.1	*
Congestive Heart Failure	44	13.6	11.8	*	20.5	18.2	*	27.3	24.0	*
Pneumonia/Influenza	23	13.0	12.0	*	17.4	16.4	*	21.7	20.2	*
Chronic Obstructive Pulmonary Disease	12	8.3	10.2	*	16.7	16.2	*	16.7	20.9	*
Transient Cerebral Ischemia	5	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke	22	13.6	17.6	*	22.7	23.4	*	27.3	27.3	*
Hip Fracture	21	4.8	5.8	*	4.8	11.0	*	4.8	14.8	*
Sepsis	10	20.0	15.4	*	40.0	22.1	*	50.0	27.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	5.5	*	14.3	11.1	*	14.3	15.1	*
Open Reduction of Hip Fracture	12	0.0	4.2	*	0.0	8.1	*	0.0	10.9	*
Prostatectomy	9	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	5	0.0	4.6	*	0.0	6.9	*	0.0	7.7	*
Hysterectomy	4	0.0	2.2	*	0.0	4.6	*	25.0	6.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MIDDLE TENNESSEE MEDICAL CENTER INC

400 N Highland Ave
Murfreesboro, TN 37133

Medicare Provider Number: 440053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,781	9.2	9.6	0.9	14.1	14.5	1.0	18.0	18.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	49	22.4	28.4	*	30.6	32.3	*	38.8	36.0	*
Congestive Heart Failure	87	19.5	14.8	6.0	27.6	22.8	9.0	32.2	29.5	11.5
Pneumonia/Influenza	122	13.1	14.9	3.7	19.7	20.6	3.7	23.8	25.2	4.1
Chronic Obstructive Pulmonary Disease	29	10.3	7.4	*	10.3	13.4	*	20.7	18.8	*
Transient Cerebral Ischemia	20	5.0	1.9	*	5.0	4.3	*	10.0	6.8	*
Stroke	70	24.3	21.4	6.0	28.6	28.2	5.4	31.4	32.8	5.7
Hip Fracture	60	3.3	5.9	4.4	5.0	10.6	6.5	8.3	14.0	7.5
Sepsis	18	33.3	23.7	*	38.9	31.0	*	44.4	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	2.9	*	8.3	5.9	*	16.7	8.9	*
Carotid Endarterectomy	2	0.0	2.0	*	0.0	4.5	*	50.0	7.5	*
Hip Replacement/Reconstruction	35	0.0	3.2	*	0.0	6.0	*	2.9	8.0	*
Open Reduction of Hip Fracture	30	6.7	5.5	*	10.0	10.5	*	13.3	14.2	*
Prostatectomy	55	0.0	0.8	1.4	1.8	1.9	1.9	1.8	3.3	2.7
Cholecystectomy	38	2.6	2.8	*	2.6	5.2	*	2.6	7.2	*
Hysterectomy	23	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	206
Occupancy Rate	68
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	97
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	229
Licensed Practical Nurses	59

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

MIDDLE TENNESSEE MEDICAL CENTER INC

Medicare Provider Number: 440053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,742	9.3	9.8	0.8	15.3	14.7	1.2	18.4	18.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	59	33.9	30.2	6.6	37.3	34.2	7.0	37.3	38.2	7.2
Congestive Heart Failure	60	10.0	14.5	6.0	20.0	22.1	5.7	28.3	28.6	6.0
Pneumonia/Influenza	100	17.0	15.4	5.2	27.0	20.8	7.7	30.0	25.1	6.9
Chronic Obstructive Pulmonary Disease	17	0.0	9.1	*	11.8	16.2	*	17.6	22.5	*
Transient Cerebral Ischemia	16	0.0	1.9	*	0.0	4.2	*	12.5	6.6	*
Stroke	66	19.7	22.3	5.3	34.8	29.5	6.1	40.9	34.5	6.6
Hip Fracture	79	6.3	6.3	2.7	8.9	11.3	4.1	11.4	14.7	5.8
Sepsis	18	16.7	31.1	*	33.3	39.8	*	38.9	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	7.0	*	7.1	10.0	*	14.3	12.9	*
Carotid Endarterectomy	2	50.0	1.8	*	50.0	3.9	*	50.0	5.9	*
Hip Replacement/Reconstruction	45	2.2	3.7	*	6.7	7.2	*	6.7	9.6	*
Open Reduction of Hip Fracture	41	7.3	5.6	*	7.3	10.7	*	12.2	14.1	*
Prostatectomy	58	0.0	0.7	1.9	1.7	1.6	2.5	3.4	2.7	3.1
Cholecystectomy	42	4.8	2.2	*	4.8	4.3	*	4.8	5.7	*
Hysterectomy	19	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,608	8.8	9.1	0.8	13.3	13.6	0.9	17.0	17.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	45	28.9	28.4	*	33.3	32.2	*	37.8	36.1	*
Congestive Heart Failure	45	11.1	15.5	*	20.0	23.3	*	24.4	29.9	*
Pneumonia/Influenza	73	15.1	16.6	4.6	24.7	22.6	5.1	31.5	27.4	8.2
Chronic Obstructive Pulmonary Disease	20	15.0	14.2	*	20.0	22.0	*	20.0	27.8	*
Transient Cerebral Ischemia	27	3.7	2.5	*	7.4	5.6	*	7.4	9.1	*
Stroke	53	26.4	24.6	8.0	34.0	30.9	10.9	39.6	35.5	10.8
Hip Fracture	57	3.5	6.3	4.9	5.3	11.6	8.1	10.5	15.2	8.1
Sepsis	13	30.8	28.6	*	38.5	38.7	*	46.2	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.2	*	0.0	6.8	*	9.1	10.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	43	4.7	3.7	*	4.7	6.9	*	7.0	9.1	*
Open Reduction of Hip Fracture	27	0.0	5.3	*	3.7	10.2	*	11.1	13.7	*
Prostatectomy	85	1.2	1.0	1.6	2.4	2.5	2.0	3.5	4.2	2.3
Cholecystectomy	45	4.4	2.1	*	4.4	3.8	*	4.4	5.0	*
Hysterectomy	19	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MORRISTOWN-HAMBLEN HOSPITAL

908 W 4th North St
Morristown, TN 37814

Medicare Provider Number: 440030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	868	10.1	9.5	1.8	14.2	13.9	2.7	17.7	17.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	25	28.0	25.6	*	28.0	28.6	*	28.0	32.1	*
Congestive Heart Failure	48	16.7	14.2	*	25.0	22.0	*	35.4	28.6	*
Pneumonia/Influenza	56	10.7	16.0	6.5	17.9	21.9	7.0	25.0	26.6	6.0
Chronic Obstructive Pulmonary Disease	16	0.0	7.9	*	0.0	13.6	*	0.0	18.8	*
Transient Cerebral Ischemia	18	0.0	2.0	*	0.0	4.5	*	0.0	7.4	*
Stroke	45	24.4	22.6	*	31.1	28.4	*	31.1	32.7	*
Hip Fracture	34	8.8	7.6	*	11.8	13.1	*	17.6	16.7	*
Sepsis	3	33.3	26.5	*	33.3	32.6	*	33.3	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	3.6	*	0.0	6.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	6.2	*	0.0	10.9	*	22.2	14.2	*
Open Reduction of Hip Fracture	20	5.0	6.9	*	10.0	12.4	*	10.0	15.9	*
Prostatectomy	31	0.0	0.8	*	3.2	1.8	*	6.5	2.9	*
Cholecystectomy	11	18.2	8.7	*	18.2	14.6	*	18.2	17.4	*
Hysterectomy	8	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	146
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	55
Percent of Physicians Board Certified Specialists	45
Medical Residents/Interns	0
Registered Nurses	80
Licensed Practical Nurses	52

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MORRISTOWN-HAMBLEN HOSPITAL

Medicare Provider Number: 440030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	871	8.0	7.9	0.9	12.3	11.9	1.3	15.7	15.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	22	18.2	28.5	*	27.3	31.4	*	31.8	35.0	*
Congestive Heart Failure	31	25.8	15.6	*	38.7	23.8	*	38.7	30.4	*
Pneumonia/Influenza	53	15.1	16.6	5.3	22.6	22.4	6.0	34.0	27.1	7.6
Chronic Obstructive Pulmonary Disease	15	0.0	6.8	*	6.7	11.4	*	6.7	15.2	*
Transient Cerebral Ischemia	24	4.2	2.7	*	8.3	5.7	*	16.7	8.9	*
Stroke	37	18.9	22.2	*	24.3	28.8	*	29.7	33.6	*
Hip Fracture	28	28.6	6.9	*	32.1	12.0	*	32.1	15.4	*
Sepsis	1	0.0	35.3	*	0.0	56.9	*	0.0	67.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	25.0	5.0	*	29.2	9.0	*	29.2	11.6	*
Open Reduction of Hip Fracture	7	14.3	6.8	*	14.3	12.0	*	14.3	15.4	*
Prostatectomy	30	0.0	1.2	*	0.0	3.1	*	0.0	5.4	*
Cholecystectomy	13	7.7	2.2	*	7.7	3.7	*	7.7	4.5	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	916	9.0	8.0	1.5	13.9	12.0	1.8	17.1	15.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	30.4	*	33.3	33.4	*	33.3	36.7	*
Congestive Heart Failure	43	14.0	15.5	*	18.6	23.5	*	23.3	30.3	*
Pneumonia/Influenza	54	18.5	15.0	7.5	24.1	20.7	8.6	31.5	25.3	11.1
Chronic Obstructive Pulmonary Disease	18	16.7	6.0	*	16.7	10.8	*	22.2	15.0	*
Transient Cerebral Ischemia	31	0.0	2.0	*	0.0	4.2	*	6.5	6.8	*
Stroke	40	25.0	22.4	*	40.0	28.7	*	45.0	33.5	*
Hip Fracture	23	8.7	6.8	*	17.4	11.8	*	17.4	15.2	*
Sepsis	2	50.0	38.6	*	50.0	50.4	*	50.0	55.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	4.7	*	10.0	8.3	*	10.0	10.8	*
Open Reduction of Hip Fracture	13	7.7	6.3	*	23.1	11.7	*	23.1	15.4	*
Prostatectomy	25	4.0	1.2	*	8.0	3.0	*	8.0	5.1	*
Cholecystectomy	15	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NASHVILLE MEMORIAL HOSPITAL

612 W Due West Ave
Madison, TN 37115

Medicare Provider Number: 440006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,447	7.0	8.4	0.7	10.7	12.6	0.9	14.1	16.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	55	30.9	27.2	6.6	30.9	30.2	7.8	40.0	33.3	8.1
Congestive Heart Failure	91	14.3	15.5	7.0	19.8	23.8	6.4	28.6	30.7	5.9
Pneumonia/Influenza	75	10.7	17.4	8.9	18.7	23.6	9.3	22.7	28.5	9.0
Chronic Obstructive Pulmonary Disease	25	8.0	5.3	*	8.0	10.1	*	16.0	14.6	*
Transient Cerebral Ischemia	84	1.2	1.9	2.1	4.8	4.1	3.9	4.8	6.3	3.4
Stroke	131	13.7	18.8	5.0	19.8	24.9	6.0	20.6	29.2	6.8
Hip Fracture	56	3.6	6.0	4.5	7.1	10.5	6.8	8.9	13.5	8.1
Sepsis	40	30.0	25.1	*	35.0	32.8	*	42.5	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	11	18.2	7.4	*	27.3	9.3	*	27.3	10.4	*
Initial Pacemaker Insertion	16	0.0	2.9	*	0.0	5.7	*	0.0	8.5	*
Carotid Endarterectomy	24	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	42	4.8	3.2	*	9.5	6.5	*	11.9	9.2	*
Open Reduction of Hip Fracture	33	3.0	5.9	*	3.0	10.7	*	6.1	13.9	*
Prostatectomy	68	4.4	1.0	2.2	4.4	2.4	3.2	7.4	4.0	3.1
Cholecystectomy	59	1.7	3.2	2.9	3.4	5.5	4.3	5.1	7.1	5.1
Hysterectomy	13	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	284
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	115
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	255
Licensed Practical Nurses	82

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NASHVILLE MEMORIAL HOSPITAL

Medicare Provider Number: 440006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,537	7.2	7.9	0.6	10.8	12.0	0.8	13.5	15.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	41	24.4	25.6	*	29.3	28.8	*	31.7	32.3	*
Congestive Heart Failure	95	9.5	15.9	4.7	14.7	23.3	6.2	20.0	29.6	6.6
Pneumonia/Influenza	94	7.4	16.0	5.2	12.8	21.8	5.9	13.8	26.3	7.2
Chronic Obstructive Pulmonary Disease	21	0.0	4.7	*	0.0	9.3	*	4.8	13.4	*
Transient Cerebral Ischemia	83	2.4	1.5	1.6	2.4	3.2	2.3	6.0	5.0	3.0
Stroke	117	19.7	20.1	3.9	21.4	26.3	4.7	23.1	30.9	5.8
Hip Fracture	58	12.1	6.8	5.3	12.1	12.0	4.8	15.5	15.3	4.8
Sepsis	8	25.0	36.1	*	37.5	43.4	*	62.5	50.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	0.0	3.5	*	5.9	6.5	*	5.9	9.5	*
Carotid Endarterectomy	30	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	29	6.9	4.4	*	6.9	8.3	*	10.3	11.0	*
Open Reduction of Hip Fracture	39	12.8	6.1	*	12.8	11.4	*	15.4	14.8	*
Prostatectomy	68	1.5	1.3	1.4	2.9	2.8	2.0	4.4	4.4	2.5
Cholecystectomy	60	5.0	2.3	2.9	5.0	4.2	2.9	5.0	5.4	3.3
Hysterectomy	13	0.0	1.1	*	0.0	2.2	*	7.7	3.3	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,592	6.7	7.1	0.5	10.2	10.9	0.7	12.8	14.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	34	29.4	30.1	*	41.2	33.3	*	41.2	36.5	*
Congestive Heart Failure	85	12.9	16.7	6.9	17.6	24.6	7.8	23.5	31.4	9.3
Pneumonia/Influenza	88	10.2	16.6	6.0	15.9	22.9	6.8	18.2	27.8	8.4
Chronic Obstructive Pulmonary Disease	33	6.1	5.3	*	12.1	10.2	*	15.2	14.6	*
Transient Cerebral Ischemia	101	2.0	1.5	1.3	4.0	3.2	1.9	5.0	4.9	2.2
Stroke	95	18.9	21.2	4.6	26.3	27.2	4.7	29.5	31.8	5.3
Hip Fracture	71	9.9	6.2	4.7	12.7	11.4	6.1	16.9	15.0	4.8
Sepsis	15	20.0	33.3	*	20.0	40.6	*	26.7	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	4.8	*	16.7	8.4	*	16.7	11.7	*
Carotid Endarterectomy	43	0.0	1.5	*	0.0	2.9	*	4.7	4.2	*
Hip Replacement/Reconstruction	38	0.0	4.1	*	0.0	7.9	*	2.6	10.8	*
Open Reduction of Hip Fracture	40	12.5	5.8	*	17.5	11.1	*	20.0	14.8	*
Prostatectomy	79	1.3	1.0	1.1	2.5	2.4	2.0	3.8	4.0	3.4
Cholecystectomy	55	5.5	3.3	3.3	7.3	5.6	4.0	9.1	7.1	4.0
Hysterectomy	13	0.0	0.8	*	7.7	1.9	*	7.7	2.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTH PARK HOSPITAL

2051 Hamill Road
Hixson, TN 37343

Medicare Provider Number: 440103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	955	7.1	8.9	1.3	10.2	12.9	1.9	13.4	16.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	31	12.9	21.8	*	12.9	24.4	*	12.9	27.4	*
Congestive Heart Failure	47	8.5	15.8	*	12.8	24.3	*	21.3	31.2	*
Pneumonia/Influenza	76	6.6	13.6	5.4	15.8	18.4	4.9	23.7	22.5	4.8
Chronic Obstructive Pulmonary Disease	15	0.0	6.6	*	0.0	11.3	*	0.0	15.6	*
Transient Cerebral Ischemia	26	3.8	1.8	*	3.8	3.9	*	7.7	6.2	*
Stroke	37	5.4	17.4	*	8.1	23.0	*	10.8	27.2	*
Hip Fracture	26	7.7	6.7	*	7.7	11.7	*	7.7	15.0	*
Sepsis	11	9.1	16.6	*	18.2	22.3	*	18.2	27.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	6.7	*	8.3	13.0	*	16.7	17.7	*
Open Reduction of Hip Fracture	17	5.9	5.3	*	5.9	9.7	*	5.9	12.7	*
Prostatectomy	32	0.0	0.6	*	3.1	1.4	*	3.1	2.4	*
Cholecystectomy	20	0.0	1.9	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	10	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	83
Occupancy Rate	54
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	202
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	65
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTH PARK HOSPITAL

Medicare Provider Number: 440103

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	885	9.2	8.1	1.3	14.5	12.3	1.7	17.5	15.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	21.2	*	33.3	24.0	*	33.3	27.1	*
Congestive Heart Failure	28	17.9	11.6	*	35.7	18.2	*	35.7	24.1	*
Pneumonia/Influenza	59	11.9	13.4	4.7	20.3	18.2	5.3	23.7	22.2	6.2
Chronic Obstructive Pulmonary Disease	13	0.0	7.1	*	0.0	11.4	*	7.7	15.4	*
Transient Cerebral Ischemia	18	0.0	1.7	*	5.6	3.7	*	5.6	5.8	*
Stroke	36	27.8	19.8	*	33.3	25.0	*	33.3	29.2	*
Hip Fracture	46	13.0	8.0	*	19.6	14.1	*	26.1	17.9	*
Sepsis	9	22.2	35.1	*	22.2	43.3	*	33.3	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.7	*	0.0	3.1	*	0.0	4.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	5.3	5.1	*	10.5	9.2	*	15.8	11.8	*
Open Reduction of Hip Fracture	23	13.0	7.5	*	21.7	14.1	*	34.8	18.4	*
Prostatectomy	20	0.0	1.3	*	10.0	3.2	*	15.0	5.1	*
Cholecystectomy	24	4.2	2.5	*	8.3	4.5	*	8.3	5.8	*
Hysterectomy	7	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	864	10.4	8.0	1.4	14.5	12.1	1.6	17.7	15.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	29	51.7	28.2	*	55.2	31.8	*	62.1	35.4	*
Congestive Heart Failure	28	7.1	12.3	*	17.9	18.7	*	25.0	24.7	*
Pneumonia/Influenza	29	31.0	16.3	*	41.4	22.4	*	41.4	27.3	*
Chronic Obstructive Pulmonary Disease	17	11.8	10.7	*	11.8	18.0	*	23.5	23.6	*
Transient Cerebral Ischemia	23	0.0	1.7	*	0.0	3.4	*	0.0	5.3	*
Stroke	52	19.2	18.3	5.4	21.2	24.2	6.6	23.1	28.6	9.1
Hip Fracture	29	6.9	7.0	*	10.3	12.3	*	13.8	15.9	*
Sepsis	5	0.0	24.5	*	0.0	31.0	*	0.0	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.3	*	0.0	3.1	*	0.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	5.1	*	6.7	9.2	*	6.7	11.8	*
Open Reduction of Hip Fracture	9	0.0	5.0	*	11.1	9.4	*	11.1	12.5	*
Prostatectomy	25	4.0	1.3	*	4.0	3.1	*	4.0	5.0	*
Cholecystectomy	24	4.2	2.4	*	8.3	4.1	*	8.3	5.1	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

NORTHSIDE HOSPITAL

401 Princeton Rd
Johnson City, TN 37601

Medicare Provider Number: 440184

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	833	6.5	7.1	1.5	10.7	11.1	1.5	13.4	14.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	27.2	*	29.4	30.2	*	41.2	33.3	*
Congestive Heart Failure	31	12.9	11.8	*	12.9	18.6	*	16.1	24.6	*
Pneumonia/Influenza	46	10.9	13.1	*	19.6	18.1	*	21.7	22.2	*
Chronic Obstructive Pulmonary Disease	11	9.1	4.3	*	9.1	8.8	*	9.1	12.9	*
Transient Cerebral Ischemia	11	0.0	1.6	*	0.0	4.0	*	0.0	6.8	*
Stroke	19	15.8	17.3	*	21.1	23.4	*	26.3	27.5	*
Hip Fracture	15	6.7	5.2	*	20.0	9.8	*	26.7	13.1	*
Sepsis	12	41.7	23.8	*	50.0	32.4	*	50.0	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.5	*	0.0	4.8	*	0.0	7.2	*
Carotid Endarterectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.8	*
Hip Replacement/Reconstruction	10	0.0	2.8	*	10.0	5.3	*	20.0	7.0	*
Open Reduction of Hip Fracture	5	0.0	3.8	*	20.0	7.4	*	20.0	10.0	*
Prostatectomy	28	0.0	0.7	*	3.6	1.9	*	7.1	3.2	*
Cholecystectomy	26	3.8	2.4	*	7.7	5.0	*	7.7	7.2	*
Hysterectomy	6	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	154
Occupancy Rate	44
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	76
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	73
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** Not used in calculating hospital mortality rates.

NORTHSIDE HOSPITAL

Medicare Provider Number: 440184

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	768	7.8	6.2	1.4	11.6	9.9	1.5	14.5	12.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	29.3	*	46.7	33.0	*	53.3	36.9	*
Congestive Heart Failure	30	20.0	13.9	*	20.0	22.0	*	26.7	28.8	*
Pneumonia/Influenza	33	12.1	13.0	*	18.2	18.4	*	27.3	22.6	*
Chronic Obstructive Pulmonary Disease	20	20.0	7.7	*	20.0	14.4	*	25.0	19.9	*
Transient Cerebral Ischemia	15	6.7	1.6	*	6.7	3.7	*	6.7	5.9	*
Stroke	11	9.1	15.1	*	18.2	21.6	*	18.2	26.0	*
Hip Fracture	23	8.7	4.9	*	8.7	8.8	*	13.0	11.3	*
Sepsis	9	33.3	27.3	*	33.3	37.9	*	33.3	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.8	*	0.0	3.8	*	0.0	5.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	0.0	2.4	*	0.0	4.4	*	0.0	5.8	*
Open Reduction of Hip Fracture	9	22.2	5.6	*	22.2	10.2	*	33.3	13.1	*
Prostatectomy	16	6.3	0.6	*	6.3	1.4	*	6.3	2.3	*
Cholecystectomy	16	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	740	8.1	7.1	1.6	13.2	10.8	1.6	15.4	13.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	33.8	*	36.8	37.4	*	36.8	40.8	*
Congestive Heart Failure	33	12.1	15.1	*	18.2	23.1	*	33.3	29.7	*
Pneumonia/Influenza	26	19.2	18.0	*	23.1	24.6	*	23.1	30.0	*
Chronic Obstructive Pulmonary Disease	25	12.0	9.1	*	24.0	16.1	*	24.0	21.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	17	35.3	21.4	*	35.3	27.6	*	41.2	32.0	*
Hip Fracture	17	0.0	6.5	*	17.6	11.6	*	17.6	14.9	*
Sepsis	5	0.0	19.8	*	0.0	24.9	*	0.0	29.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.8	*	16.7	5.4	*	16.7	7.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.6	*	14.3	4.8	*	14.3	6.3	*
Open Reduction of Hip Fracture	9	0.0	6.9	*	22.2	12.8	*	22.2	16.6	*
Prostatectomy	20	0.0	1.0	*	5.0	2.5	*	5.0	4.4	*
Cholecystectomy	15	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

OAKWOOD MEDICAL CENTER

5310 Western Av
Knoxville, TN 37921

Medicare Provider Number: 440146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	32	3.1	1.7	*	3.1	3.2	*	3.1	4.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	25
Ownership/Control	Private, For Profit
STAFFING:	
Medical Residents/Interns	1
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

OAKWOOD MEDICAL CENTER
Medicare Provider Number: 440146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	3.0	3.5	*	6.1	6.7	*	12.1	9.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	13.2	*	0.0	19.3	*	0.0	24.9	*
Pneumonia/Influenza	1	0.0	7.9	*	0.0	11.0	*	0.0	13.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.3	*	0.0	11.7	*	0.0	17.5	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy..	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	89	2.2	3.8	2.9	3.4	6.7	3.7	3.4	9.2	4.6
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	18.2	*	100.0	28.9	*	100.0	37.1	*
Pneumonia/Influenza	9	11.1	10.3	*	11.1	14.4	*	11.1	17.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.0	*	0.0	18.6	*	0.0	27.4	*
Transient Cerebral Ischemia	0									
Stroke	1	0.0	12.1	*	0.0	16.2	*	0.0	19.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*
Hysterectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PARK WEST HOSPITAL

9352 Park West Blvd
Knoxville, TN 37933

Medicare Provider Number: 440173

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,175	6.5	6.8	0.9	10.4	10.7	1.1	13.4	14.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	41	14.6	24.3	*	17.1	27.3	*	17.1	30.6	*
Congestive Heart Failure	75	13.3	13.4	3.9	21.3	21.2	4.7	28.0	27.8	5.9
Pneumonia/Influenza	66	13.6	13.4	4.3	21.2	18.6	5.9	24.2	22.7	5.4
Chronic Obstructive Pulmonary Disease	44	9.1	8.1	*	11.4	14.0	*	18.2	18.9	*
Transient Cerebral Ischemia	45	0.0	2.2	*	2.2	5.0	*	8.9	8.0	*
Stroke	69	17.4	18.2	4.7	23.2	23.9	5.3	23.2	28.1	6.9
Hip Fracture	45	4.4	4.9	*	13.3	9.0	*	15.6	12.0	*
Sepsis	25	12.0	21.9	*	16.0	29.8	*	32.0	36.0	*
PROCEDURES:										
Angioplasty	26	3.8	2.4	*	3.8	3.1	*	3.8	4.0	*
Coronary Artery Bypass Graft	64	3.1	4.3	3.6	3.1	6.1	4.5	3.1	7.3	5.1
Initial Pacemaker Insertion	11	0.0	5.4	*	0.0	8.7	*	0.0	11.7	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	37	0.0	1.5	*	2.7	3.1	*	5.4	4.4	*
Open Reduction of Hip Fracture	23	8.7	5.4	*	21.7	10.0	*	21.7	13.2	*
Prostatectomy	94	1.1	0.7	1.1	1.1	1.7	1.7	2.1	3.0	2.6
Cholecystectomy	56	1.8	2.4	2.2	3.6	4.7	3.2	8.9	6.5	3.9
Hysterectomy	33	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	325
Occupancy Rate	58
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	219
Percent of Physicians Board Certified Specialists	68
Medical Residents/Interns	0
Registered Nurses	118
Licensed Practical Nurses	52

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PARK WEST HOSPITAL

Medicare Provider Number: 440173

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,348	6.6	7.0	0.7	11.3	10.9	0.9	14.3	14.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	62	33.9	29.6	7.6	35.5	33.1	8.2	37.1	36.7	8.4
Congestive Heart Failure	84	19.0	15.6	5.4	27.4	23.9	8.0	32.1	30.6	8.5
Pneumonia/Influenza	63	4.8	15.1	7.3	12.7	21.0	9.4	14.3	25.5	8.8
Chronic Obstructive Pulmonary Disease	31	0.0	5.4	*	12.9	10.7	*	12.9	15.4	*
Transient Cerebral Ischemia	55	3.6	1.7	*	7.3	3.7	*	10.9	5.8	*
Stroke	68	23.5	21.1	5.8	29.4	27.0	7.4	36.8	31.5	9.2
Hip Fracture	55	1.8	6.1	4.3	5.5	11.3	6.4	5.5	14.8	7.7
Sepsis	25	40.0	32.2	*	48.0	43.4	*	52.0	50.5	*
PROCEDURES:										
Angioplasty	19	0.0	7.1	*	0.0	8.1	*	5.3	9.4	*
Coronary Artery Bypass Graft	42	4.8	5.7	*	4.8	7.8	*	7.1	9.0	*
Initial Pacemaker Insertion	9	0.0	5.2	*	0.0	9.8	*	0.0	14.1	*
Carotid Endarterectomy	13	7.7	1.6	*	7.7	3.2	*	15.4	4.8	*
Hip Replacement/Reconstruction	33	0.0	4.0	*	9.1	8.0	*	9.1	10.7	*
Open Reduction of Hip Fracture	27	3.7	5.6	*	3.7	10.5	*	3.7	13.8	*
Prostatectomy	112	4.5	1.0	1.8	5.4	2.3	2.4	8.0	3.7	2.7
Cholecystectomy	47	0.0	2.8	*	4.3	4.8	*	4.3	6.0	*
Hysterectomy	33	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,233	6.5	6.7	0.7	10.2	10.5	0.7	13.3	13.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	53	22.6	27.9	9.9	22.6	30.9	10.0	26.4	34.2	10.8
Congestive Heart Failure	79	19.0	16.5	6.4	27.8	25.3	6.7	36.7	32.5	9.2
Pneumonia/Influenza	50	20.0	15.9	*	22.0	22.2	*	26.0	27.1	*
Chronic Obstructive Pulmonary Disease	39	2.6	9.0	*	12.8	15.3	*	15.4	20.2	*
Transient Cerebral Ischemia	39	0.0	2.0	*	5.1	4.4	*	5.1	7.0	*
Stroke	63	23.8	21.7	5.3	34.9	28.2	6.7	41.3	32.9	7.3
Hip Fracture	58	5.2	5.2	3.8	6.9	10.2	5.2	12.1	13.8	5.3
Sepsis	25	24.0	27.9	*	24.0	37.1	*	36.0	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.1	*	0.0	5.0	*	0.0	6.6	*
Carotid Endarterectomy	11	9.1	1.3	*	9.1	2.4	*	9.1	3.6	*
Hip Replacement/Reconstruction	38	2.6	2.8	*	5.3	5.6	*	5.3	7.6	*
Open Reduction of Hip Fracture	32	6.3	4.5	*	6.3	9.2	*	15.6	12.8	*
Prostatectomy	82	2.4	0.7	1.4	4.9	1.8	1.9	6.1	3.1	2.4
Cholecystectomy	54	1.9	3.0	2.8	1.9	5.4	5.4	5.6	7.1	4.8
Hysterectomy	23	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PARKRIDGE HOSPITAL

2333 McCallie Ave
Chattanooga, TN 37404

Medicare Provider Number: 440156

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,840	9.4	8.5	1.1	13.8	12.8	1.3	16.9	16.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	44	22.7	30.3	*	27.3	33.3	*	27.3	36.5	*
Congestive Heart Failure	82	19.5	14.6	5.6	28.0	22.6	5.9	35.4	29.0	6.8
Pneumonia/Influenza	88	12.5	16.5	5.4	21.6	22.5	5.0	22.7	27.0	6.7
Chronic Obstructive Pulmonary Disease	23	0.0	6.2	*	4.3	10.6	*	4.3	14.9	*
Transient Cerebral Ischemia	25	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	73	19.2	19.8	5.5	24.7	26.5	6.4	27.4	30.9	6.9
Hip Fracture	52	9.6	7.2	4.3	15.4	12.7	5.3	17.3	16.3	5.4
Sepsis	16	25.0	24.3	*	43.8	33.8	*	50.0	40.7	*
PROCEDURES:										
Angioplasty	27	0.0	2.5	*	0.0	3.2	*	0.0	4.0	*
Coronary Artery Bypass Graft	24	4.2	4.6	*	4.2	6.0	*	4.2	6.9	*
Initial Pacemaker Insertion	14	7.1	3.8	*	7.1	6.5	*	14.3	8.9	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	51	2.0	2.8	2.4	5.9	5.1	3.9	5.9	6.7	5.0
Open Reduction of Hip Fracture	30	13.3	6.7	*	16.7	12.4	*	20.0	16.0	*
Prostatectomy	65	1.5	1.0	1.3	3.1	2.6	2.0	4.6	4.3	2.5
Cholecystectomy	41	2.4	2.4	*	2.4	4.3	*	2.4	5.7	*
Hysterectomy	23	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	227
Occupancy Rate	56
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	121
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	180
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PARKRIDGE HOSPITAL

Medicare Provider Number: 440156

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,993	6.8	7.9	0.9	11.5	12.0	1.2	14.9	15.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	40	25.0	27.3	*	27.5	30.8	*	30.0	34.3	*
Congestive Heart Failure	88	12.5	14.7	4.2	21.6	22.1	4.5	28.4	28.5	5.3
Pneumonia/Influenza	88	15.9	15.8	3.9	21.6	21.3	4.8	23.9	25.7	5.9
Chronic Obstructive Pulmonary Disease	27	11.1	7.0	*	14.8	12.9	*	18.5	17.9	*
Transient Cerebral Ischemia	25	0.0	2.3	*	0.0	5.2	*	0.0	8.3	*
Stroke	84	14.3	21.9	8.7	19.0	27.9	8.1	26.2	32.3	7.4
Hip Fracture	85	11.8	6.0	5.6	14.1	11.1	5.7	16.5	14.4	5.7
Sepsis	8	12.5	27.4	*	25.0	36.1	*	25.0	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	3	0.0	6.0	*	0.0	8.0	*	0.0	9.5	*
Initial Pacemaker Insertion	14	0.0	5.1	*	7.1	8.3	*	14.3	11.2	*
Carotid Endarterectomy	7	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	76	7.9	3.1	4.5	7.9	5.9	3.6	9.2	7.9	3.3
Open Reduction of Hip Fracture	39	7.7	5.7	*	12.8	10.9	*	17.9	14.3	*
Prostatectomy	64	0.0	1.1	1.6	1.6	2.5	2.3	3.1	4.0	3.4
Cholecystectomy	50	0.0	2.0	*	2.0	3.6	*	4.0	4.7	*
Hysterectomy	13	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,986	7.6	7.3	0.9	11.9	11.4	0.9	15.1	14.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	58	27.6	26.6	7.4	32.8	30.1	7.1	39.7	33.5	7.3
Congestive Heart Failure	70	14.3	14.7	4.3	20.0	22.3	6.5	35.7	28.8	7.9
Pneumonia/Influenza	69	15.9	13.8	7.9	24.6	18.8	6.8	24.6	23.0	5.5
Chronic Obstructive Pulmonary Disease	28	7.1	8.4	*	14.3	13.8	*	14.3	18.1	*
Transient Cerebral Ischemia	33	0.0	2.0	*	0.0	4.4	*	0.0	6.9	*
Stroke	69	18.8	22.1	6.4	24.6	29.1	7.9	29.0	33.6	9.2
Hip Fracture	68	11.8	6.1	5.2	14.7	11.0	5.5	19.1	14.3	6.0
Sepsis	16	37.5	25.9	*	50.0	35.4	*	50.0	41.8	*
PROCEDURES:										
Angioplasty	1	0.0	6.6	*	0.0	7.6	*	0.0	8.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	5.7	*	15.4	9.3	*	15.4	12.0	*
Carotid Endarterectomy	4	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	56	8.9	2.9	3.7	8.9	5.5	3.8	10.7	7.5	3.9
Open Reduction of Hip Fracture	36	5.6	5.3	*	11.1	10.1	*	19.4	13.3	*
Prostatectomy	53	1.9	0.7	2.0	3.8	1.8	2.6	5.7	3.0	3.4
Cholecystectomy	61	0.0	1.7	2.3	3.3	3.2	2.7	8.2	4.4	4.2
Hysterectomy	18	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PERRY MEMORIAL HOSPITAL

Rt 10 Bx 8
Linden, TN 37096

Medicare Provider Number: 440040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	223	9.4	9.0	2.2	12.6	13.1	2.8	14.3	16.5	3.4
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	32.8	*	0.0	35.6	*	33.3	39.2	*
Congestive Heart Failure	10	50.0	18.0	*	50.0	28.2	*	50.0	35.8	*
Pneumonia/Influenza	14	0.0	15.6	*	0.0	21.0	*	7.1	25.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.6	*	0.0	13.1	*	0.0	17.9	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	5.0	*	0.0	8.1	*
Stroke	4	50.0	25.4	*	50.0	33.1	*	50.0	37.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	3.1	*	0.0	5.1	*	0.0	6.6	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	38
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PERRY MEMORIAL HOSPITAL

Medicare Provider Number: 440040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	212	11.8	10.8	2.6	14.2	15.7	2.8	18.9	19.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	35.5	*	0.0	38.6	*	0.0	43.1	*
Congestive Heart Failure	14	21.4	13.8	*	28.6	21.9	*	28.6	28.5	*
Pneumonia/Influenza	14	14.3	13.3	*	21.4	17.9	*	21.4	21.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.1	*	0.0	9.6	*	0.0	13.1	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.5	*	50.0	5.4	*
Stroke	7	28.6	26.1	*	42.9	34.2	*	42.9	39.9	*
Hip Fracture	0									
Sepsis	4	75.0	59.3	*	75.0	65.7	*	75.0	71.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	283	7.8	9.0	2.3	13.1	13.7	2.1	17.0	17.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	24.8	*	40.0	28.1	*	40.0	31.3	*
Congestive Heart Failure	23	13.0	15.8	*	21.7	24.9	*	30.4	32.4	*
Pneumonia/Influenza	12	16.7	22.8	*	33.3	30.6	*	41.7	36.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	11.0	*	0.0	19.1	*	16.7	25.5	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	11	27.3	19.7	*	27.3	25.4	*	45.5	29.9	*
Hip Fracture	2	0.0	7.8	*	0.0	12.9	*	0.0	15.9	*
Sepsis	1	100.0	47.0	*	100.0	55.6	*	100.0	62.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

REGIONAL HOSPITAL OF JACKSON

49 Old Hickory Blvd
Jackson, TN 38305

Medicare Provider Number: 440189

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,059	10.8	6.3	1.4	14.7	10.6	1.1	17.7	14.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	8	75.0	28.5	*	75.0	31.8	*	75.0	35.4	*
Congestive Heart Failure	18	55.6	13.0	*	55.6	20.6	*	61.1	27.1	*
Pneumonia/Influenza	24	4.2	15.8	*	12.5	21.1	*	12.5	25.6	*
Chronic Obstructive Pulmonary Disease	36	11.1	4.2	*	11.1	8.5	*	11.1	12.3	*
Transient Cerebral Ischemia	13	15.4	1.6	*	23.1	3.6	*	23.1	5.7	*
Stroke	11	0.0	16.4	*	0.0	22.9	*	0.0	27.3	*
Hip Fracture	112	8.9	5.4	3.7	15.2	10.1	4.6	15.2	13.4	4.9
Sepsis	15	33.3	29.3	*	53.3	43.3	*	80.0	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.5	*	0.0	3.4	*
Hip Replacement/Reconstruction	76	5.3	3.2	3.2	9.2	5.9	4.4	9.2	7.8	4.6
Open Reduction of Hip Fracture	67	7.5	4.9	4.9	13.4	9.5	5.7	13.4	13.0	5.8
Prostatectomy	30	0.0	2.1	*	0.0	3.6	*	0.0	5.4	*
Cholecystectomy	25	4.0	2.7	*	4.0	4.8	*	4.0	6.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	166
Occupancy Rate	48
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	102
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

REGIONAL HOSPITAL OF JACKSON

Medicare Provider Number: 440189

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,077	9.0	6.8	0.9	15.2	11.6	1.0	18.8	15.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	33.5	*	50.0	40.7	*	100.0	46.7	*
Congestive Heart Failure	25	16.0	15.7	*	24.0	24.1	*	28.0	31.0	*
Pneumonia/Influenza	19	21.1	15.9	*	31.6	21.8	*	36.8	26.2	*
Chronic Obstructive Pulmonary Disease	59	10.2	5.3	3.5	25.4	10.1	5.5	33.9	14.4	7.1
Transient Cerebral Ischemia	7	0.0	2.6	*	0.0	5.9	*	14.3	9.5	*
Stroke	12	25.0	21.6	*	33.3	28.2	*	33.3	32.6	*
Hip Fracture	91	11.0	6.1	3.5	15.4	10.9	4.9	22.0	14.1	6.5
Sepsis	13	61.5	28.4	*	69.2	40.4	*	69.2	47.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.5	*	0.0	6.5	*	0.0	11.1	*
Carotid Endarterectomy	3	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	49	10.2	3.3	*	12.2	6.1	*	16.3	7.9	*
Open Reduction of Hip Fracture	56	10.7	5.2	4.9	14.3	9.6	5.5	19.6	12.6	8.1
Prostatectomy	47	0.0	1.0	*	4.3	2.4	*	4.3	4.1	*
Cholecystectomy	20	0.0	1.6	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,073	8.9	6.5	1.1	14.3	11.1	1.4	18.5	14.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	39.6	*	100.0	42.6	*	100.0	46.1	*
Congestive Heart Failure	26	23.1	15.4	*	38.5	23.9	*	46.2	30.9	*
Pneumonia/Influenza	15	13.3	13.6	*	13.3	18.6	*	26.7	22.7	*
Chronic Obstructive Pulmonary Disease	49	12.2	6.2	*	18.4	11.5	*	22.4	16.0	*
Transient Cerebral Ischemia	13	7.7	1.7	*	7.7	3.6	*	15.4	5.7	*
Stroke	20	25.0	22.6	*	45.0	29.2	*	50.0	34.0	*
Hip Fracture	68	13.2	6.2	4.3	19.1	11.3	6.5	25.0	14.8	6.7
Sepsis	9	11.1	27.2	*	11.1	38.1	*	11.1	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.2	*	0.0	4.9	*	0.0	7.5	*
Carotid Endarterectomy	2	0.0	2.0	*	0.0	4.9	*	0.0	8.2	*
Hip Replacement/Reconstruction	57	5.3	3.0	3.0	7.0	5.8	3.3	10.5	7.9	5.0
Open Reduction of Hip Fracture	42	14.3	5.1	*	23.8	10.0	*	28.6	13.4	*
Prostatectomy	52	1.9	1.3	2.6	3.8	3.4	2.7	5.8	5.8	3.3
Cholecystectomy	20	0.0	2.1	*	5.0	4.1	*	10.0	5.7	*
Hysterectomy	4	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

HCA Regional Hospital of Jackson

Provider No. 44-0189

January 15, 1991

Healthcare Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Attention: Mrs. Sandra Kappert

These comments are in response to the HCFA Medicare Mortality Data prepared on our hospital. We believe these comments are appropriate and necessary given the methodology with which the data was collected and the format used for reporting.

HCA Regional Hospital is accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO). Our quality assurance program is designed according to JCAHO's standards. As part of the quality assurance process, the hospital conducts a regular, ongoing mortality review on 100% of the deaths that occur within the hospital. This review involves members of the hospital's medical staff, nursing staff, and quality assurance departments. This ongoing review gives us a level of confidence regarding the quality of care provided by the physicians and hospital. We welcome information which will help us in our mortality review. The HCFA data will be carefully analyzed as part of this process. There are significant pitfalls, however, when drawing conclusions from this data without the benefit of the indepth, internal analysis.

Upon review of the HCFA data, we find obvious limitations with the data as it pertains to our facility. First of all, of the seven conditions identified, only one had enough cases for a standard deviation to be applied. Of the nine procedures identified, only two had enough cases for a standard deviation. Quoting from page A-2 of the HCFA report, "The precision and interpretability of our (HCFA's) estimates are questionable when there are no deaths or fifty or fewer cases in a particular category being analyzed. For these instances, an asterisk "*" is placed in the standard deviation columns." In the case of our hospital, there were not enough cases associated with these conditions/procedures to allow for accurate interpretation. Secondly, as the admissions reported by HCFA were randomly selected for those patients with more than one admission during

49 Old Hickory Boulevard
PO Box 3310
Jackson, Tennessee 38303-0310
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An affiliate of HCA Hospital Corporation of America

the time period, the reporting diagnosis and category may be for an admission other than the admission preceeding a patient's death. For example, several deaths reported under the condition of hip fracture actually occurred up to fifteen months after the date of the selected admission. Thus, the actual cause of death which occurred months after the selected admission may have no correlation to the selected admission's condition or procedure. This methodology of reporting renders the findings confusing and misleading.

Additionally, the information reports deaths attributed to our facility even though they occurred elsewhere. Several deaths involved patients who were transferred to another acute care facility for procedures not performed at our facility. Finally, the continual changing of the reporting format used by HCFA makes it very difficult to compare the reports to our hospital's internal mortality review.

In summary, the data reported by HCFA can and will be used by the hospital as part of the ongoing quality assurance process. However, due to the concerns expressed in these comments, it would be inappropriate and misleading to draw specific conclusions from the data as presented. We appreciate the opportunity to provide these comments.

Sincerely,

Donald H. Wilkerson
President and
Chief Executive Officer

ja

REGIONAL MEDICAL CENTER AT MEMPHIS

877 Jefferson
Memphis, TN 38103

Medicare Provider Number: 440152

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,323	18.0	11.7	1.1	24.8	17.2	1.6	29.6	21.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	28.9	*	36.8	31.9	*	36.8	35.3	*
Congestive Heart Failure	80	11.2	12.8	4.0	22.5	19.8	4.8	36.2	25.8	6.2
Pneumonia/Influenza	71	38.0	16.8	4.9	42.3	22.6	5.2	42.3	27.2	6.2
Chronic Obstructive Pulmonary Disease	20	5.0	7.5	*	15.0	13.1	*	25.0	17.7	*
Transient Cerebral Ischemia	12	0.0	1.4	*	8.3	3.2	*	8.3	5.1	*
Stroke	51	27.5	19.0	10.4	29.4	24.8	11.5	37.3	28.7	12.5
Hip Fracture	22	4.5	5.9	*	9.1	10.0	*	9.1	12.8	*
Sepsis	25	56.0	33.9	*	64.0	42.1	*	76.0	48.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.2	*	0.0	6.2	*	0.0	9.2	*
Carotid Endarterectomy	1	0.0	1.9	*	0.0	4.3	*	0.0	6.2	*
Hip Replacement/Reconstruction	12	0.0	4.6	*	0.0	7.8	*	0.0	9.8	*
Open Reduction of Hip Fracture	4	0.0	5.6	*	0.0	10.1	*	0.0	13.1	*
Prostatectomy	1	0.0	5.7	*	0.0	15.6	*	0.0	27.8	*
Cholecystectomy	7	14.3	7.4	*	14.3	15.0	*	28.6	20.5	*
Hysterectomy	8	0.0	0.3	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	443
Occupancy Rate	92
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	303
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	576
Licensed Practical Nurses	202

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

REGIONAL MEDICAL CENTER AT MEMPHIS

Medicare Provider Number: 440152

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,272	17.8	11.5	1.1	24.3	16.9	1.2	29.8	21.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	28.3	*	22.7	31.5	*	27.3	35.1	*
Congestive Heart Failure	87	11.5	15.2	6.8	21.8	23.4	6.7	25.3	30.0	8.3
Pneumonia/Influenza	54	33.3	16.0	8.0	37.0	21.6	8.0	38.9	26.0	7.6
Chronic Obstructive Pulmonary Disease	10	40.0	8.4	*	40.0	13.4	*	40.0	17.8	*
Transient Cerebral Ischemia	13	0.0	1.4	*	0.0	2.9	*	7.7	4.5	*
Stroke	70	35.7	22.0	7.6	42.9	27.9	8.7	45.7	32.2	8.3
Hip Fracture	35	2.9	6.5	*	11.4	11.8	*	17.1	15.2	*
Sepsis	29	69.0	31.5	*	75.9	39.7	*	82.8	46.6	*
PROCEDURES:										
Angioplasty	1	0.0	0.8	*	0.0	1.3	*	0.0	1.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	4.7	*	0.0	8.1	*	25.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	6.2	*	16.7	11.3	*	25.0	14.5	*
Open Reduction of Hip Fracture	10	0.0	5.0	*	0.0	9.5	*	0.0	12.6	*
Prostatectomy	4	0.0	2.8	*	0.0	7.1	*	0.0	12.0	*
Cholecystectomy	12	16.7	7.9	*	25.0	14.5	*	33.3	18.9	*
Hysterectomy	10	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,185	17.4	11.3	1.4	23.0	16.6	1.2	27.5	20.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	25	40.0	28.0	*	40.0	30.8	*	40.0	34.0	*
Congestive Heart Failure	69	11.6	12.8	4.3	18.8	20.0	5.4	23.2	26.5	7.2
Pneumonia/Influenza	46	23.9	14.2	*	28.3	19.3	*	32.6	23.5	*
Chronic Obstructive Pulmonary Disease	10	0.0	14.1	*	20.0	22.8	*	20.0	29.0	*
Transient Cerebral Ischemia	13	0.0	1.5	*	7.7	3.1	*	15.4	4.8	*
Stroke	65	33.8	21.1	9.1	40.0	26.9	9.7	40.0	31.2	9.4
Hip Fracture	26	11.5	6.7	*	15.4	11.5	*	19.2	14.7	*
Sepsis	29	58.6	25.9	*	69.0	34.0	*	69.0	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.5	*	0.0	7.9	*	0.0	10.5	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.2	*	0.0	3.1	*
Hip Replacement/Reconstruction	11	9.1	3.8	*	9.1	6.6	*	9.1	8.7	*
Open Reduction of Hip Fracture	8	37.5	7.8	*	37.5	14.2	*	37.5	18.2	*
Prostatectomy	2	0.0	2.2	*	0.0	6.0	*	0.0	10.8	*
Cholecystectomy	15	20.0	4.6	*	20.0	8.0	*	26.7	10.2	*
Hysterectomy	9	0.0	1.4	*	0.0	3.2	*	0.0	5.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

471.1

THE MED

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Ms. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: ID# 440152

Dear Ms. Kappert:

The Regional Medical Center at Memphis (The MED) is an urban acute-care hospital serving a large, indigent, central city population. As a major teaching facility for the College of Medicine, University of Tennessee, Memphis, we operate a regional Level I Trauma Center and a Burn Unit and house very large high-risk obstetrics and neonatal intensive care programs. Medicare patients represent a small percentage of our discharges. The 1989 Medicare Hospital Mortality information revealed that our hospital had higher than expected Medicare mortality rates for the years studied.

Our institution is dedicated to the provision of the highest quality care available. We maintain an ongoing quality of care survey for all Medicare patients and have research underway comparing severity of illness indicators with outcome prediction in our patient population. In addition, we are presently installing the MedisGroup tracking system to better permit us to define severity of illness and to compare our patients and their outcome with similar institutions.

A special mortality validation survey was conducted in June, 1990, by the Tennessee State Survey Agency and we were found to be in compliance with all the Medicare conditions of participation. In July, we underwent a JCAHO Accreditation survey and received a full three-year accreditation without any type one recommendations, placing us among a small, select, number of hospitals to be so evaluated.

We reviewed the FY 1989 Medicare hospital mortality information and the records of the patients included in the study. We were unable to identify any pattern of adverse quality of care. We believe that the higher than expected mortality rates reflect the severity of illness of the patients seen at the Regional Medical Center. The most frequent of the eight identified conditions reviewed in the study and cared for at the MED, were congestive heart failure, pneumonia/influenza and stroke. These are all associated with advanced chronic illness. In addition, our patients are

REGIONAL MEDICAL CENTER AT MEMPHIS
877 Jefferson Avenue, Memphis, Tennessee 38103

Call writer direct

of an advanced age and often there is an expectation of death at the time of admission. The MED frequently serves as the final-care facility for the 900 long term care beds (585 ICF and 314 SNF) operated by Shelby County. Patients from nursing homes represented 38.7% of FY 1989 Medicare admissions and 45.3% of the Medicare deaths.

In summary, we believe that our Medicare hospital mortality rate is appropriate for the population we serve. Our patients represent a significantly sicker group than that seen in the average U.S. hospital. We have an aggressive quality assurance program and we continue to address those areas that affect both short and long term outcome. We look forward to working with HCFA and our PRO in focused hospital reviews.

Sincerely,

Stuart M. Polly

Stuart M. Polly, M.D.
Medical Director

RENAISSANCE REHAB & DIAG HOSPITAL

2412 McCallie Ave
Chattanooga, TN 37404

Medicare Provider Number: 440162

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	384	9.6	10.3	2.0	14.1	15.4	2.6	18.8	19.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	29.4	*	53.8	31.8	*	53.8	34.9	*
Congestive Heart Failure	45	13.3	14.3	*	22.2	22.5	*	33.3	29.2	*
Pneumonia/Influenza	22	9.1	12.3	*	13.6	17.0	*	18.2	20.8	*
Chronic Obstructive Pulmonary Disease	23	13.0	7.8	*	17.4	13.8	*	30.4	18.9	*
Transient Cerebral Ischemia	4	0.0	1.5	*	25.0	3.3	*	25.0	5.2	*
Stroke	9	22.2	17.5	*	22.2	24.0	*	22.2	26.4	*
Hip Fracture	0									
Sepsis	5	20.0	31.0	*	40.0	39.4	*	40.0	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.1	*	0.0	3.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	29
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RENAISSANCE REHAB & DIAG HOSPITAL

Medicare Provider Number: 440162

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	432	9.0	9.8	1.9	15.0	14.5	1.9	19.4	18.3	2.2
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	21.6	*	28.6	24.5	*	28.6	27.8	*
Congestive Heart Failure	42	14.3	14.6	*	26.2	22.7	*	33.3	29.5	*
Pneumonia/Influenza	21	9.5	14.1	*	9.5	19.3	*	9.5	23.6	*
Chronic Obstructive Pulmonary Disease	16	6.3	5.2	*	18.8	9.4	*	18.8	13.2	*
Transient Cerebral Ischemia	4	0.0	1.2	*	0.0	2.6	*	0.0	3.9	*
Stroke	19	15.8	21.1	*	15.8	26.3	*	15.8	30.5	*
Hip Fracture	0									
Sepsis	6	16.7	27.8	*	16.7	36.7	*	33.3	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	481	10.4	9.5	1.7	15.4	14.6	2.5	20.4	18.6	3.5
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	27.4	*	35.7	30.8	*	35.7	34.1	*
Congestive Heart Failure	56	21.4	14.4	8.9	32.1	22.5	10.2	37.5	29.5	11.8
Pneumonia/Influenza	24	20.8	14.4	*	29.2	20.1	*	33.3	24.4	*
Chronic Obstructive Pulmonary Disease	41	4.9	8.3	*	7.3	14.5	*	12.2	19.2	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.0	*	16.7	6.2	*
Stroke	12	25.0	19.0	*	25.0	26.6	*	25.0	31.6	*
Hip Fracture	0									
Sepsis	2	0.0	33.6	*	0.0	47.0	*	0.0	53.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RHEA COUNTY MEDICAL CENTER

Hwy 27 N Box 629
Dayton, TN 37321

Medicare Provider Number: 440023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	376	7.4	7.4	1.8	13.6	11.6	2.2	16.2	15.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	25.3	*	37.5	28.0	*	37.5	31.1	*
Congestive Heart Failure	16	6.3	13.0	*	12.5	20.0	*	18.8	26.1	*
Pneumonia/Influenza	31	9.7	14.2	*	12.9	19.2	*	12.9	23.4	*
Chronic Obstructive Pulmonary Disease	20	5.0	8.6	*	10.0	15.6	*	15.0	21.1	*
Transient Cerebral Ischemia	5	0.0	2.2	*	0.0	5.2	*	0.0	8.4	*
Stroke	5	20.0	24.6	*	20.0	32.5	*	40.0	38.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	7	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	136
Occupancy Rate	74
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	47
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RHEA COUNTY MEDICAL CENTER

Medicare Provider Number: 440023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	363	11.8	8.9	2.4	14.9	13.1	2.2	17.6	16.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	30.8	*	54.5	34.1	*	63.6	37.9	*
Congestive Heart Failure	19	15.8	17.6	*	21.1	27.1	*	31.6	34.6	*
Pneumonia/Influenza	33	12.1	15.5	*	21.2	21.1	*	24.2	25.8	*
Chronic Obstructive Pulmonary Disease	13	7.7	6.5	*	7.7	12.1	*	15.4	17.4	*
Transient Cerebral Ischemia	12	8.3	2.2	*	8.3	5.1	*	16.7	8.3	*
Stroke	8	25.0	18.9	*	37.5	24.5	*	37.5	28.9	*
Hip Fracture	2	0.0	8.9	*	0.0	15.0	*	0.0	18.6	*
Sepsis	2	100.0	49.9	*	100.0	64.1	*	100.0	71.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	372	8.9	8.0	1.9	13.7	11.9	2.3	16.7	15.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	26.5	*	40.0	29.8	*	40.0	33.6	*
Congestive Heart Failure	16	18.8	17.4	*	18.8	27.2	*	25.0	34.6	*
Pneumonia/Influenza	22	18.2	17.1	*	27.3	23.1	*	31.8	28.0	*
Chronic Obstructive Pulmonary Disease	15	20.0	7.6	*	26.7	13.4	*	26.7	18.4	*
Transient Cerebral Ischemia	9	0.0	1.7	*	0.0	3.6	*	0.0	5.8	*
Stroke	2	0.0	22.3	*	0.0	29.5	*	50.0	34.9	*
Hip Fracture	7	14.3	6.4	*	14.3	11.4	*	14.3	14.9	*
Sepsis	3	0.0	24.9	*	33.3	29.9	*	33.3	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	7.8	*	25.0	13.9	*	25.0	17.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	2.5	*	0.0	4.1	*	0.0	5.2	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

RIVER PARK HOSPITAL

1510 Sparta Rd
McMinnville, TN 37110

Medicare Provider Number: 440151

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	811	8.3	9.4	1.2	12.2	14.2	1.6	16.0	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	33.4	*	33.3	37.4	*	33.3	41.1	*
Congestive Heart Failure	49	8.2	13.1	*	16.3	21.0	*	22.4	27.5	*
Pneumonia/Influenza	46	15.2	19.4	*	23.9	26.4	*	37.0	31.5	*
Chronic Obstructive Pulmonary Disease	18	16.7	4.9	*	16.7	9.7	*	16.7	14.4	*
Transient Cerebral Ischemia	13	0.0	2.8	*	7.7	6.5	*	7.7	10.5	*
Stroke	34	14.7	19.2	*	14.7	25.7	*	17.6	29.8	*
Hip Fracture	35	2.9	6.1	*	5.7	10.9	*	8.6	14.2	*
Sepsis	7	14.3	19.8	*	14.3	26.7	*	28.6	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	6.0	*	50.0	12.0	*	50.0	15.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	3.2	*	0.0	5.8	*	0.0	7.6	*
Open Reduction of Hip Fracture	23	4.3	5.4	*	8.7	10.2	*	8.7	13.6	*
Prostatectomy	30	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	12	16.7	3.9	*	25.0	6.9	*	25.0	8.6	*
Hysterectomy	2	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	60
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	44
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVER PARK HOSPITAL

Medicare Provider Number: 440151

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	807	10.0	8.4	1.2	13.5	13.0	1.3	16.1	16.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	15	66.7	29.1	*	66.7	32.4	*	66.7	36.0	*
Congestive Heart Failure	40	20.0	16.2	*	22.5	25.3	*	27.5	32.6	*
Pneumonia/Influenza	47	23.4	19.0	*	23.4	25.9	*	23.4	31.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	5.3	*	25.0	11.4	*	33.3	17.5	*
Transient Cerebral Ischemia	14	0.0	3.0	*	7.1	6.6	*	7.1	10.4	*
Stroke	37	10.8	18.0	*	10.8	25.6	*	13.5	30.4	*
Hip Fracture	38	2.6	6.0	*	5.3	10.8	*	10.5	13.9	*
Sepsis	6	66.7	22.7	*	66.7	30.5	*	66.7	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.5	*	0.0	6.2	*	0.0	8.4	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction	13	7.7	6.0	*	7.7	11.2	*	23.1	14.4	*
Open Reduction of Hip Fracture	22	0.0	4.8	*	4.5	9.0	*	4.5	11.9	*
Prostatectomy	28	0.0	1.0	*	3.6	2.5	*	3.6	4.4	*
Cholecystectomy	8	12.5	1.6	*	12.5	2.9	*	12.5	3.8	*
Hysterectomy	1	0.0	0.2	*	100.0	0.3	*	100.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	800	10.5	9.4	2.0	16.1	14.5	2.1	18.7	18.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	30.5	*	37.5	33.4	*	43.8	36.5	*
Congestive Heart Failure	51	11.8	15.9	7.0	21.6	24.0	8.0	23.5	30.8	12.9
Pneumonia/Influenza	67	19.4	17.1	5.1	20.9	23.1	5.8	22.4	28.0	8.0
Chronic Obstructive Pulmonary Disease	2	0.0	9.4	*	50.0	20.3	*	50.0	29.3	*
Transient Cerebral Ischemia	12	0.0	2.2	*	0.0	4.9	*	8.3	7.8	*
Stroke	26	23.1	21.3	*	26.9	28.8	*	26.9	33.3	*
Hip Fracture	31	6.5	6.7	*	6.5	11.8	*	9.7	15.1	*
Sepsis	14	14.3	24.1	*	21.4	32.9	*	21.4	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.0	*	0.0	4.2	*	0.0	6.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	16.7	6.5	*	16.7	11.7	*	25.0	15.2	*
Open Reduction of Hip Fracture	16	6.3	5.5	*	6.3	10.3	*	6.3	13.4	*
Prostatectomy	25	0.0	1.2	*	8.0	3.0	*	12.0	5.2	*
Cholecystectomy	19	10.5	4.9	*	15.8	9.3	*	21.1	12.5	*
Hysterectomy	9	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SCOTT COUNTY HOSPITAL

Hwy 27 Box 308
Oneida, TN 37841

Medicare Provider Number: 440052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	607	9.2	10.2	1.6	13.5	15.1	1.8	16.1	19.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	28.5	*	33.3	31.7	*	33.3	35.1	*
Congestive Heart Failure	23	8.7	14.9	*	8.7	23.1	*	8.7	29.9	*
Pneumonia/Influenza	90	6.7	16.9	5.4	13.3	23.2	5.7	16.7	28.2	6.6
Chronic Obstructive Pulmonary Disease	32	3.1	6.8	*	9.4	11.9	*	18.8	16.5	*
Transient Cerebral Ischemia	14	0.0	2.3	*	7.1	5.1	*	14.3	8.2	*
Stroke	24	29.2	22.6	*	37.5	30.0	*	37.5	35.2	*
Hip Fracture	0									
Sepsis	3	66.7	39.0	*	66.7	47.7	*	66.7	55.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	79
Occupancy Rate	56
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SCOTT COUNTY HOSPITAL

Medicare Provider Number: 440052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	662	9.4	9.0	1.2	13.9	13.4	1.5	16.6	17.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	21.8	*	43.8	24.2	*	43.8	27.0	*
Congestive Heart Failure	26	23.1	15.0	*	26.9	22.4	*	26.9	28.5	*
Pneumonia/Influenza	56	16.1	19.2	6.1	26.8	26.4	6.4	30.4	31.9	6.4
Chronic Obstructive Pulmonary Disease	28	0.0	5.1	*	7.1	10.0	*	7.1	14.3	*
Transient Cerebral Ischemia	23	0.0	2.0	*	0.0	4.6	*	0.0	7.3	*
Stroke	39	23.1	21.1	*	35.9	27.9	*	35.9	32.9	*
Hip Fracture	0									
Sepsis	6	33.3	25.9	*	33.3	31.2	*	33.3	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.1	*	0.0	2.3	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	745	6.6	8.2	1.3	9.9	12.5	1.8	12.1	16.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	16	43.8	32.9	*	50.0	36.4	*	50.0	40.1	*
Congestive Heart Failure	28	10.7	13.6	*	25.0	20.9	*	25.0	27.0	*
Pneumonia/Influenza	78	12.8	17.2	7.7	23.1	23.6	6.2	25.6	28.7	6.7
Chronic Obstructive Pulmonary Disease	12	0.0	10.4	*	0.0	19.1	*	8.3	25.8	*
Transient Cerebral Ischemia	32	0.0	1.8	*	3.1	4.0	*	6.3	6.3	*
Stroke	30	16.7	20.6	*	16.7	27.4	*	20.0	32.4	*
Hip Fracture	1	0.0	5.6	*	0.0	12.7	*	0.0	18.8	*
Sepsis	2	0.0	21.9	*	0.0	25.7	*	0.0	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	16.7	1.6	*	33.3	2.9	*	33.3	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SEQUATCHIE GENERAL HOSPITAL

30 Cedar St Box 787
Dunlap, TN 37327

Medicare Provider Number: 440074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	161	11.2	9.6	2.9	16.8	14.2	5.0	23.6	18.4	5.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	39.8	*	40.0	44.5	*	40.0	49.3	*
Congestive Heart Failure	17	17.6	14.3	*	23.5	22.2	*	23.5	28.9	*
Pneumonia/Influenza	7	0.0	15.1	*	0.0	20.3	*	28.6	24.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	8	25.0	24.7	*	37.5	32.0	*	37.5	37.3	*
Hip Fracture	2	0.0	10.2	*	0.0	17.5	*	0.0	22.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	43
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SEQUATCHIE GENERAL HOSPITAL

Medicare Provider Number: 440074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	8.2	10.2	3.6	10.7	14.6	3.8	15.1	18.3	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	25.5	*	20.0	28.5	*	20.0	32.1	*
Congestive Heart Failure	11	18.2	16.6	*	27.3	24.5	*	27.3	31.2	*
Pneumonia/Influenza	3	0.0	15.1	*	0.0	21.0	*	0.0	25.5	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.0	*	33.3	8.6	*	33.3	11.7	*
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	5	0.0	23.8	*	0.0	31.0	*	0.0	36.1	*
Hip Fracture	0									
Sepsis	2	0.0	26.6	*	0.0	35.6	*	0.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	189	13.2	10.0	3.2	16.9	14.7	3.3	20.6	18.8	3.5
CONDITIONS:										
Acute Myocardial Infarction	10	60.0	37.5	*	60.0	41.3	*	60.0	45.1	*
Congestive Heart Failure	12	25.0	19.2	*	33.3	27.9	*	33.3	35.2	*
Pneumonia/Influenza	7	28.6	18.7	*	42.9	25.6	*	42.9	31.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.5	*	25.0	17.6	*	25.0	22.7	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.3	*	0.0	5.3	*
Stroke	6	16.7	24.6	*	16.7	32.0	*	16.7	37.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SMITH COUNTY MEMORIAL HOSPITAL

300 Hospital Drive
Carthage, TN 37030

Medicare Provider Number: 440186

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	372	10.8	9.4	1.7	15.3	14.7	1.9	16.9	18.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	31.5	*	30.8	35.3	*	30.8	39.2	*
Congestive Heart Failure	22	9.1	15.0	*	22.7	23.9	*	31.8	31.0	*
Pneumonia/Influenza	29	20.7	19.1	*	24.1	26.2	*	27.6	31.5	*
Chronic Obstructive Pulmonary Disease	12	0.0	5.2	*	8.3	11.1	*	8.3	16.9	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.9	*	0.0	7.9	*
Stroke	21	19.0	16.9	*	28.6	23.4	*	28.6	27.8	*
Hip Fracture	2	0.0	5.4	*	0.0	9.7	*	50.0	12.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.2	*	0.0	9.8	*	0.0	13.4	*
Prostatectomy	0									
Cholecystectomy	9	11.1	1.7	*	11.1	3.1	*	11.1	4.3	*
Hysterectomy	4	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	66
Occupancy Rate	39
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	59
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SMITH COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 440186

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	391	8.2	8.3	1.6	12.0	12.7	1.7	13.3	16.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	27.9	*	36.4	32.5	*	36.4	36.8	*
Congestive Heart Failure	21	14.3	15.1	*	33.3	23.0	*	33.3	30.0	*
Pneumonia/Influenza	28	14.3	17.4	*	21.4	24.0	*	25.0	28.7	*
Chronic Obstructive Pulmonary Disease	13	0.0	5.6	*	0.0	11.3	*	0.0	16.3	*
Transient Cerebral Ischemia	9	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	14	21.4	19.3	*	35.7	26.2	*	35.7	31.1	*
Hip Fracture	5	0.0	4.9	*	0.0	8.6	*	0.0	11.3	*
Sepsis	8	37.5	27.6	*	37.5	34.8	*	37.5	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	4.4	*	0.0	7.9	*	0.0	10.4	*
Prostatectomy	0									
Cholecystectomy	9	11.1	2.5	*	11.1	4.5	*	11.1	5.8	*
Hysterectomy	3	0.0	0.9	*	0.0	2.0	*	0.0	2.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	373	7.8	8.6	1.6	10.5	12.9	2.1	12.9	16.6	2.5
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	34.8	*	20.0	38.9	*	20.0	43.3	*
Congestive Heart Failure	13	15.4	16.8	*	30.8	26.7	*	30.8	34.9	*
Pneumonia/Influenza	22	18.2	15.6	*	22.7	21.5	*	27.3	26.4	*
Chronic Obstructive Pulmonary Disease	14	0.0	7.1	*	0.0	13.8	*	0.0	19.7	*
Transient Cerebral Ischemia	5	0.0	3.6	*	0.0	8.5	*	0.0	13.9	*
Stroke	18	22.2	22.9	*	27.8	29.2	*	38.9	34.0	*
Hip Fracture	6	0.0	5.2	*	16.7	9.2	*	16.7	12.1	*
Sepsis	8	12.5	23.8	*	12.5	31.2	*	12.5	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	4.5	*	16.7	8.4	*	16.7	11.3	*
Prostatectomy	0									
Cholecystectomy	3	0.0	1.1	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SMITH
COUNTY
MEMORIAL
HOSPITAL

MEDICARE PROVIDER # 440186

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Medicare Mortality Data Release

Dear Mrs. Kappert:

Thank you for the opportunity to comment on the Medicare Mortality Data. The mortality information received from HCFA has been reviewed thoroughly. The number of cases or deaths in each category was too small to permit satisfactory estimation of the standard deviation used to measure the uncertainty of the predicted rate in this report. The only category with a standard deviation was the general category for all causes. When comparing the observed mortality rate percentage with the predicted using the standard deviation we are well within statistical limitations.

Smith County Memorial Hospital is a 66 bed JCAHO approved HealthTrust Hospital which takes pride in providing quality patient care for people in this area. As a small rural hospital many services are offered that a few years ago could only be obtained in a large urban medical center. We have several outpatient clinics which include cardiology with capability of doing cardiac catherizations, ophthalmology clinic providing cataract procedures, and urology clinic. We also have MRI capabilities available to this facility.

Smith County Memorial Hospital is in close proximity to a 128 bed skilled/intermediate extended care facility. We admit many older patients that are sicker and require longer treatment and recovery periods. In addition, they are less likely to survive serious illness or injury than younger patients. Smith County Memorial Hospital's average age for fiscal year 1989 for Medicare beneficiaries was 76 with 4% of those being over age 90.

North Main Street
Carthage, Tennessee 37030-1096
Telephone (615) 735-1560

An Affiliate of
HEALTHTRUST
INC. *The Hospital Company*

Smith County Memorial has an active peer review program through its established quality assurance program. Our quality assurance program consists of a comprehensive process that involves each hospital department, as well as each clinical service of the Medical Staff. Each area has an on-going mechanism for monitoring and evaluating all patient related areas.

Since there are numerous variables to be considered in evaluating the quality of care within an institution, we would encourage individuals not to base an opinion of the quality of care provided at any hospital solely on the basis of the Medicare Mortality Data. While we are pleased that the only measurable mortality rate was well within statistical limitation, we sincerely believe that the monitoring and evaluation programs that are currently in place in our institution offer a far more reliable indication to the public that the quality of care provided at Smith County Memorial Hospital is our most important concern.

Sincerely,

James P. Donovan, III
Administrator

JPD:jhc

SOUTH PITTSBURG MUNICIPAL HOSPITAL

210 W 12 St
South Pittsburg, TN 37380

Medicare Provider Number: 440064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	425	11.5	9.0	2.0	14.8	13.7	1.9	17.9	17.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	13	53.8	29.9	*	53.8	33.3	*	53.8	36.4	*
Congestive Heart Failure	33	15.2	16.1	*	18.2	24.5	*	33.3	31.3	*
Pneumonia/Influenza	24	25.0	16.0	*	33.3	22.3	*	37.5	26.9	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.0	*	10.0	11.0	*	10.0	15.3	*
Transient Cerebral Ischemia	15	0.0	2.8	*	6.7	6.6	*	13.3	10.7	*
Stroke	12	25.0	23.5	*	25.0	30.1	*	25.0	35.2	*
Hip Fracture	0									
Sepsis	8	0.0	24.5	*	0.0	32.7	*	0.0	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	4	0.0	1.7	*	0.0	2.6	*	0.0	3.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	42
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTH PITTSBURG MUNICIPAL HOSPITAL

Medicare Provider Number: 440064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	373	9.7	9.2	1.5	12.1	13.9	2.0	15.8	17.6	2.1
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	33.7	*	40.0	37.4	*	50.0	41.0	*
Congestive Heart Failure	26	11.5	14.3	*	19.2	22.0	*	26.9	28.5	*
Pneumonia/Influenza	30	6.7	18.0	*	6.7	24.3	*	10.0	29.0	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.5	*	0.0	7.9	*	0.0	11.1	*
Transient Cerebral Ischemia	13	7.7	3.2	*	15.4	7.4	*	23.1	12.3	*
Stroke	12	33.3	24.6	*	33.3	31.5	*	41.7	36.6	*
Hip Fracture	1	0.0	8.0	*	0.0	14.2	*	0.0	19.2	*
Sepsis	8	0.0	15.3	*	0.0	21.8	*	0.0	26.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	3.3		0.0	8.5	*	0.0	14.2	*
Cholecystectomy	1	0.0	2.1	*	0.0	3.7	*	0.0	4.5	*
Hysterectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	450	13.1	7.7	2.3	16.4	11.8	2.1	17.6	15.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	16	56.3	31.7	*	56.3	34.1	*	56.3	36.9	*
Congestive Heart Failure	23	30.4	15.5	*	30.4	24.3	*	30.4	31.2	*
Pneumonia/Influenza	28	39.3	17.5	*	42.9	23.4	*	42.9	28.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.0	*	0.0	15.1	*	0.0	19.8	*
Transient Cerebral Ischemia	15	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke	14	21.4	21.0	*	28.6	28.1	*	28.6	32.9	*
Hip Fracture	1	100.0	7.3	*	100.0	14.2	*	100.0	18.8	*
Sepsis	3	33.3	17.2	*	33.3	23.9	*	66.7	29.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	11	9.1	2.7	*	9.1	4.8	*	9.1	5.7	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST FRANCIS HOSPITAL

5959 Park Ave
Memphis, TN 38138

Medicare Provider Number: 440183

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,557	8.0	7.6	0.4	13.3	11.9	0.6	16.9	15.2	0.7
CONDITIONS:										
Acute Myocardial Infarction	82	24.4	26.9	6.5	26.8	30.0	6.1	30.5	33.3	5.5
Congestive Heart Failure	171	16.4	15.3	3.5	26.9	23.6	5.7	32.7	30.2	4.3
Pneumonia/Influenza	169	20.7	16.3	4.0	27.8	22.3	5.1	31.4	26.9	4.6
Chronic Obstructive Pulmonary Disease	95	7.4	4.4	3.2	11.6	8.5	4.3	14.7	12.2	4.8
Transient Cerebral Ischemia	90	1.1	1.6	1.7	1.1	3.6	4.2	6.7	5.7	2.9
Stroke	151	17.2	20.8	4.3	26.5	26.8	3.7	30.5	31.1	3.8
Hip Fracture	110	6.4	6.1	4.0	13.6	10.8	5.2	15.5	14.0	5.8
Sepsis	32	31.3	30.8	*	43.8	39.6	*	46.9	46.1	*
PROCEDURES:										
Angioplasty	37	8.1	3.8	*	8.1	4.9	*	8.1	6.0	*
Coronary Artery Bypass Graft	110	3.6	5.9	3.7	4.5	8.5	5.1	5.5	10.1	5.8
Initial Pacemaker Insertion	55	3.6	3.2	2.4	3.6	6.3	3.5	5.5	9.2	4.4
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.4	*	10.0	3.5	*
Hip Replacement/Reconstruction	75	4.0	3.9	3.8	10.7	7.3	5.7	14.7	9.6	7.9
Open Reduction of Hip Fracture	33	3.0	5.5	*	6.1	10.4	*	6.1	13.7	*
Prostatectomy	210	0.5	0.8	0.7	1.0	1.9	1.2	2.4	3.2	1.7
Cholecystectomy	70	1.4	2.8	2.3	4.3	5.2	2.8	5.7	6.8	3.2
Hysterectomy	26	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	790
Occupancy Rate	76
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	203
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	388
Licensed Practical Nurses	84

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL

Medicare Provider Number: 440183

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,597	8.6	7.7	0.6	13.3	12.1	0.7	17.3	15.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	96	36.5	27.0	7.9	41.7	30.2	8.4	43.8	33.7	8.4
Congestive Heart Failure	195	20.0	16.4	5.6	29.7	24.9	6.8	35.4	31.8	5.5
Pneumonia/Influenza	175	17.1	17.0	3.8	21.1	22.8	3.9	26.3	27.4	4.3
Chronic Obstructive Pulmonary Disease	91	13.2	7.2	4.5	16.5	13.2	4.4	20.9	18.2	4.4
Transient Cerebral Ischemia	108	0.9	1.6	1.9	4.6	3.5	2.9	7.4	5.4	3.5
Stroke	141	19.9	20.8	3.5	22.7	27.4	4.8	26.2	32.1	5.9
Hip Fracture	110	1.8	5.9	3.5	8.2	10.7	4.0	11.8	14.0	3.6
Sepsis	28	35.7	31.0	*	50.0	41.1	*	53.6	47.9	*
PROCEDURES:										
Angioplasty	34	5.9	5.2	*	5.9	6.4	*	8.8	7.5	*
Coronary Artery Bypass Graft	92	5.4	5.9	2.5	7.6	7.9	3.2	7.6	9.3	3.8
Initial Pacemaker Insertion	46	4.3	4.3	*	10.9	7.4	*	13.0	10.2	*
Carotid Endarterectomy	23	8.7	1.4	*	8.7	2.5	*	8.7	3.5	*
Hip Replacement/Reconstruction	73	0.0	3.2	4.0	0.0	6.0	7.2	5.5	8.1	5.2
Open Reduction of Hip Fracture	53	3.8	5.6	4.6	15.1	10.6	6.6	18.9	13.9	8.5
Prostatectomy	205	0.0	0.9	1.1	1.5	2.3	1.3	2.4	3.9	1.8
Cholecystectomy	71	1.4	2.6	2.8	1.4	4.4	3.8	2.8	5.6	3.9
Hysterectomy	24	0.0	1.0	*	0.0	2.0	*	4.2	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,734	7.9	7.4	0.5	12.7	11.7	0.7	16.5	15.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	97	26.8	29.1	5.1	33.0	32.4	5.4	36.1	35.7	5.0
Congestive Heart Failure	192	18.2	16.4	3.4	26.6	24.9	3.4	34.4	31.8	4.0
Pneumonia/Influenza	163	20.9	18.3	5.3	30.1	24.8	6.3	35.0	29.8	7.7
Chronic Obstructive Pulmonary Disease	92	8.7	5.5	3.2	14.1	10.4	3.9	16.3	14.7	3.8
Transient Cerebral Ischemia	115	1.7	1.9	2.7	4.3	4.2	3.5	8.7	6.6	4.2
Stroke	132	22.0	22.1	3.8	28.8	29.0	4.2	32.6	33.5	4.2
Hip Fracture	153	9.2	6.1	3.3	15.0	11.1	4.5	17.0	14.6	3.8
Sepsis	22	18.2	28.8	*	36.4	37.4	*	45.5	44.0	*
PROCEDURES:										
Angioplasty	27	3.7	5.8	*	3.7	6.7	*	3.7	7.9	*
Coronary Artery Bypass Graft	66	7.6	5.7	3.7	9.1	7.6	3.7	10.6	8.7	4.4
Initial Pacemaker Insertion	43	4.7	3.5	*	9.3	7.5	*	14.0	11.3	*
Carotid Endarterectomy	24	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	74	4.1	2.8	3.1	5.4	5.3	3.4	6.8	7.1	3.5
Open Reduction of Hip Fracture	68	8.8	5.7	3.9	14.7	10.9	6.3	19.1	14.6	8.3
Prostatectomy	219	1.4	0.6	1.0	2.3	2.0	1.4	3.2	3.4	1.9
Cholecystectomy	83	2.4	2.7	2.0	7.2	5.0	3.4	8.4	6.6	4.6
Hysterectomy	19	0.0	2.6	*	0.0	3.9	*	0.0	5.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH HOSPITAL

220 Overton Av
Memphis, TN 38101

Medicare Provider Number: 440071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,919	8.8	9.4	0.7	15.4	14.5	1.1	18.9	18.4	0.9
CONDITIONS:										
Acute Myocardial Infarction	63	23.8	25.7	6.1	34.9	29.0	7.6	36.5	32.3	9.6
Congestive Heart Failure	210	10.5	13.4	2.8	23.3	20.6	4.0	28.1	26.7	3.1
Pneumonia/Influenza	129	19.4	17.3	4.9	30.2	23.2	6.3	32.6	27.7	6.4
Chronic Obstructive Pulmonary Disease	37	8.1	11.6	*	13.5	18.5	*	18.9	24.0	*
Transient Cerebral Ischemia	48	8.3	1.7	*	12.5	3.6	*	14.6	5.7	*
Stroke	132	17.4	17.2	3.7	24.2	23.6	3.8	25.8	27.7	4.6
Hip Fracture	40	2.5	6.3	*	10.0	11.0	*	12.5	14.2	*
Sepsis	59	23.7	30.7	9.2	35.6	39.4	7.8	44.1	45.2	6.5
PROCEDURES:										
Angioplasty	6	0.0	0.7	*	0.0	1.1	*	0.0	1.6	*
Coronary Artery Bypass Graft	42	7.1	5.2	*	9.5	7.0	*	9.5	8.4	*
Initial Pacemaker Insertion	27	7.4	3.7	*	18.5	7.1	*	22.2	10.4	*
Carotid Endarterectomy	13	0.0	2.0	*	0.0	4.4	*	7.7	6.8	*
Hip Replacement/Reconstruction	21	0.0	2.7	*	0.0	4.8	*	0.0	6.4	*
Open Reduction of Hip Fracture	24	0.0	6.1	*	4.2	11.0	*	8.3	14.2	*
Prostatectomy	105	1.0	1.3	1.6	4.8	3.2	2.4	10.5	5.2	3.7
Cholecystectomy	48	2.1	3.6	*	6.3	6.7	*	8.3	8.7	*
Hysterectomy	25	0.0	1.0	*	0.0	2.1	*	4.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	376
Occupancy Rate	74
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	145
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	172
Licensed Practical Nurses	39

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 440071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,024	9.3	9.0	0.6	14.6	13.9	0.8	18.7	17.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	67	23.9	25.7	7.9	28.4	29.6	6.4	32.8	33.4	5.8
Congestive Heart Failure	200	11.5	14.4	3.4	23.5	22.1	3.7	29.0	28.6	3.7
Pneumonia/Influenza	114	22.8	18.6	8.1	31.6	25.1	8.2	34.2	30.0	7.4
Chronic Obstructive Pulmonary Disease	42	4.8	7.4	*	14.3	12.9	*	21.4	17.7	*
Transient Cerebral Ischemia	64	4.7	1.7	2.9	7.8	3.7	3.8	7.8	5.8	4.4
Stroke	157	17.8	18.8	3.3	25.5	25.6	3.5	29.3	30.1	3.8
Hip Fracture	42	7.1	7.3	*	9.5	13.1	*	9.5	16.8	*
Sepsis	51	37.3	32.8	10.1	49.0	41.6	11.4	49.0	47.6	12.1
PROCEDURES:										
Angioplasty	6	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Coronary Artery Bypass Graft	13	7.7	5.5	*	7.7	7.0	*	7.7	8.1	*
Initial Pacemaker Insertion	18	0.0	4.2	*	5.6	7.2	*	5.6	10.1	*
Carotid Endarterectomy	10	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*
Hip Replacement/Reconstruction	27	7.4	5.7	*	7.4	10.5	*	7.4	13.5	*
Open Reduction of Hip Fracture	21	0.0	4.5	*	4.8	8.6	*	4.8	11.4	*
Prostatectomy	118	0.8	1.4	1.4	3.4	3.3	2.0	8.5	5.5	3.1
Cholecystectomy	51	7.8	4.3	4.7	11.8	7.6	4.9	15.7	9.9	6.8
Hysterectomy	23	4.3	0.7	*	8.7	1.5	*	8.7	2.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,870	9.8	8.6	0.6	15.9	13.7	0.9	20.3	17.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	56	26.8	29.3	8.8	30.4	33.3	8.7	33.9	37.0	8.6
Congestive Heart Failure	181	14.9	14.8	3.1	21.5	22.3	5.6	25.4	28.6	6.5
Pneumonia/Influenza	94	23.4	19.1	6.3	34.0	25.2	8.0	35.1	30.0	6.7
Chronic Obstructive Pulmonary Disease	44	0.0	7.8	*	6.8	13.3	*	11.4	17.8	*
Transient Cerebral Ischemia	61	3.3	1.8	2.1	4.9	3.7	2.6	4.9	5.8	3.6
Stroke	122	19.7	20.3	3.7	32.8	27.0	4.8	38.5	31.4	5.4
Hip Fracture	58	6.9	7.1	3.6	12.1	12.8	4.6	19.0	16.5	5.2
Sepsis	35	40.0	33.4	*	54.3	44.5	*	57.1	51.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	0.0	3.5	*	4.5	6.8	*	9.1	9.7	*
Carotid Endarterectomy	6	0.0	2.2	*	0.0	4.1	*	0.0	6.1	*
Hip Replacement/Reconstruction	30	10.0	4.1	*	16.7	7.4	*	20.0	9.5	*
Open Reduction of Hip Fracture	30	0.0	6.6	*	3.3	12.3	*	10.0	16.1	*
Prostatectomy	119	1.7	1.3	1.8	4.2	3.1	2.7	7.6	5.2	3.0
Cholecystectomy	50	2.0	4.0	*	4.0	7.7	*	8.0	10.5	*
Hysterectomy	16	6.3	2.0	*	12.5	4.5	*	18.8	6.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST MARYS MEDICAL CENTER

Oak Hill Ave
Knoxville, TN 37917

Medicare Provider Number: 440120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,430	7.9	8.8	0.6	12.6	13.2	0.7	15.8	16.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	166	19.3	27.8	4.3	22.3	30.9	4.5	22.9	34.2	4.9
Congestive Heart Failure	187	17.1	14.9	3.1	24.6	22.9	3.8	35.3	29.6	5.8
Pneumonia/Influenza	216	18.5	17.0	2.8	26.4	23.2	4.3	31.0	28.0	5.0
Chronic Obstructive Pulmonary Disease	63	6.3	5.2	3.0	9.5	9.8	3.8	14.3	14.0	4.4
Transient Cerebral Ischemia	71	1.4	2.0	3.3	8.5	4.5	4.6	12.7	7.2	6.9
Stroke	144	16.0	20.6	5.8	22.9	26.7	7.4	27.1	31.3	7.0
Hip Fracture	149	6.0	6.2	2.7	8.1	11.0	3.9	13.4	14.3	3.3
Sepsis	35	22.9	24.2	*	25.7	30.6	*	28.6	36.2	*
PROCEDURES:										
Angioplasty	64	3.1	7.3	5.0	3.1	8.6	5.5	3.1	10.1	6.2
Coronary Artery Bypass Graft	51	0.0	6.1	6.8	0.0	8.1	8.8	2.0	9.4	8.1
Initial Pacemaker Insertion	27	0.0	4.5	*	3.7	7.5	*	3.7	10.2	*
Carotid Endarterectomy	26	3.8	1.5	*	3.8	2.9	*	3.8	4.3	*
Hip Replacement/Reconstruction	124	4.0	3.1	1.8	4.8	5.7	2.2	7.3	7.5	2.4
Open Reduction of Hip Fracture	72	2.8	5.3	3.3	4.2	9.9	4.9	11.1	13.1	4.2
Prostatectomy	181	0.0	1.1	1.2	2.8	2.6	2.2	3.9	4.3	2.5
Cholecystectomy	94	2.1	3.1	2.2	2.1	5.2	3.6	3.2	6.6	4.0
Hysterectomy	42	0.0	0.4	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	470
Occupancy Rate	77
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	182
Percent of Physicians Board Certified Specialists	68
Medical Residents/Interns	0
Registered Nurses	468
Licensed Practical Nurses	147

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARYS MEDICAL CENTER

Medicare Provider Number: 440120

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,660	9.1	9.2	0.4	14.2	13.9	0.5	17.6	17.6	0.6
CONDITIONS:										
Acute Myocardial Infarction	161	25.5	30.5	6.5	29.8	33.9	6.2	33.5	37.7	6.0
Congestive Heart Failure	194	18.6	16.7	3.3	24.2	25.2	3.8	31.4	32.0	3.4
Pneumonia/Influenza	177	20.9	17.2	4.0	27.7	23.2	4.0	31.6	27.8	4.3
Chronic Obstructive Pulmonary Disease	82	7.3	5.5	3.0	12.2	10.2	3.7	14.6	14.5	4.0
Transient Cerebral Ischemia	71	2.8	1.9	2.3	2.8	4.1	2.6	5.6	6.4	3.1
Stroke	160	16.9	21.7	5.7	20.6	27.5	6.7	26.2	31.9	6.8
Hip Fracture	131	4.6	6.8	2.8	9.9	12.2	4.0	10.7	15.6	5.1
Sepsis	46	28.3	29.8	*	45.7	39.6	*	50.0	46.4	*
PROCEDURES:										
Angioplasty	46	8.7	5.7	*	8.7	6.7	*	8.7	7.9	*
Coronary Artery Bypass Graft	41	4.9	8.6	*	4.9	11.5	*	4.9	13.1	*
Initial Pacemaker Insertion	30	3.3	3.3	*	10.0	6.2	*	10.0	9.1	*
Carotid Endarterectomy	23	0.0	1.5	*	0.0	3.0	*	4.3	4.5	*
Hip Replacement/Reconstruction	104	4.8	3.1	2.7	7.7	5.7	3.0	7.7	7.5	3.4
Open Reduction of Hip Fracture	73	0.0	5.6	4.6	5.5	10.7	5.9	6.8	14.0	7.5
Prostatectomy	183	1.6	1.0	1.1	3.3	2.3	1.4	4.4	3.8	1.5
Cholecystectomy	120	2.5	2.5	1.6	5.8	4.2	2.1	8.3	5.4	2.7
Hysterectomy	42	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,500	8.4	8.9	0.5	13.5	13.6	0.5	17.3	17.3	0.6
CONDITIONS:										
Acute Myocardial Infarction	112	25.0	30.0	5.4	28.6	33.2	5.2	32.1	36.8	5.3
Congestive Heart Failure	193	19.2	17.0	3.3	25.4	25.4	3.3	31.6	32.2	4.2
Pneumonia/Influenza	206	16.0	18.1	3.2	24.8	24.6	3.0	29.1	29.7	4.7
Chronic Obstructive Pulmonary Disease	68	10.3	7.3	4.3	13.2	13.1	4.6	16.2	17.9	6.2
Transient Cerebral Ischemia	85	0.0	1.9	3.0	7.1	4.1	2.9	11.8	6.5	4.6
Stroke	166	16.9	20.6	5.2	23.5	26.4	5.8	28.9	30.8	4.4
Hip Fracture	136	8.8	6.8	3.1	11.8	12.1	2.9	15.4	15.7	3.2
Sepsis	41	24.4	29.2	*	34.1	37.3	*	41.5	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	0.0	4.6	*	4.3	9.3	*	13.0	13.6	*
Carotid Endarterectomy	31	0.0	1.5	*	3.2	2.8	*	6.5	4.1	*
Hip Replacement/Reconstruction	96	3.1	3.2	2.6	5.2	5.9	2.7	7.3	7.7	2.7
Open Reduction of Hip Fracture	76	10.5	6.0	4.9	11.8	11.5	3.9	15.8	15.2	4.2
Prostatectomy	218	1.8	1.2	1.1	4.6	3.0	1.7	6.4	4.8	2.0
Cholecystectomy	110	4.5	4.1	3.3	10.0	7.0	4.4	10.9	9.1	4.2
Hysterectomy	40	0.0	0.8	*	0.0	1.6	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST THOMAS HOSPITAL

4220 Harding Rd
Nashville, TN 37205

Medicare Provider Number: 440082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	6,279	6.4	8.0	0.4	10.1	12.2	0.5	12.9	15.5	0.6
CONDITIONS:										
Acute Myocardial Infarction	283	17.7	22.7	3.2	23.0	25.8	2.8	24.0	29.1	3.2
Congestive Heart Failure	251	8.4	13.8	3.7	16.7	21.9	4.6	23.1	28.7	4.2
Pneumonia/Influenza	146	15.8	15.2	3.1	19.2	21.1	4.0	22.6	25.8	6.1
Chronic Obstructive Pulmonary Disease	97	3.1	7.7	3.5	7.2	13.6	4.7	11.3	18.8	5.5
Transient Cerebral Ischemia	145	0.7	1.5	1.5	0.7	3.2	2.8	2.1	5.1	3.2
Stroke	174	18.4	19.8	3.4	21.3	26.1	4.1	23.0	30.5	4.9
Hip Fracture	91	6.6	5.8	2.6	11.0	10.6	3.3	17.6	13.9	4.3
Sepsis	49	24.5	27.4	*	46.9	38.0	*	51.0	45.4	*
PROCEDURES:										
Angioplasty	147	4.8	4.3	1.9	6.1	5.2	2.1	6.1	6.2	2.1
Coronary Artery Bypass Graft	366	4.6	5.2	1.6	6.8	7.1	1.4	7.9	8.4	1.5
Initial Pacemaker Insertion	53	3.8	2.7	2.3	9.4	5.3	4.0	11.3	7.9	4.5
Carotid Endarterectomy	109	0.9	1.5	1.6	1.8	3.0	2.5	1.8	4.5	3.3
Hip Replacement/Reconstruction	67	3.0	2.9	2.1	10.4	5.7	4.9	11.9	7.8	7.7
Open Reduction of Hip Fracture	49	4.1	5.2	*	4.1	10.0	*	10.2	13.5	*
Prostatectomy	132	2.3	1.6	1.6	6.8	3.7	2.8	6.8	6.0	2.3
Cholecystectomy	128	0.8	3.0	2.0	3.1	5.7	3.3	3.1	7.7	3.4
Hysterectomy	28	3.6	0.5	*	7.1	1.2	*	10.7	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	571
Occupancy Rate	81
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	310
Percent of Physicians Board Certified Specialists	87
Medical Residents/Interns	0
Registered Nurses	929
Licensed Practical Nurses	112

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST THOMAS HOSPITAL

Medicare Provider Number: 440082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	6,351	6.6	8.3	0.4	10.1	12.7	0.5	13.2	16.1	0.5
CONDITIONS:										
Acute Myocardial Infarction	359	17.5	25.3	3.1	20.6	28.8	3.3	23.1	32.5	3.6
Congestive Heart Failure	230	13.5	14.9	2.7	21.7	23.4	3.3	30.0	30.2	3.2
Pneumonia/Influenza	150	13.3	17.2	4.4	17.3	23.8	5.2	20.0	28.8	6.2
Chronic Obstructive Pulmonary Disease	88	5.7	8.5	5.7	11.4	14.9	5.8	19.3	20.4	4.7
Transient Cerebral Ischemia	162	0.0	1.6	1.7	1.2	3.5	2.2	2.5	5.3	2.7
Stroke	196	19.4	20.4	3.1	27.6	27.4	3.2	29.6	32.0	3.7
Hip Fracture	72	6.9	6.0	3.1	9.7	10.9	3.9	9.7	14.2	5.4
Sepsis	64	20.3	24.2	11.2	28.1	33.3	11.2	34.4	40.1	10.0
PROCEDURES:										
Angioplasty	142	2.8	5.3	2.6	2.8	6.4	3.1	4.2	7.6	3.5
Coronary Artery Bypass Graft	363	3.6	7.1	2.0	5.5	9.5	2.2	7.2	11.0	2.1
initial Pacemaker Insertion	62	6.5	4.9	3.5	8.1	8.5	3.6	12.9	11.8	4.3
Carotid Endarterectomy	118	0.0	1.5	2.0	1.7	3.0	2.1	3.4	4.5	2.3
Hip Replacement/Reconstruction	62	1.6	2.5	2.2	3.2	4.7	3.1	3.2	6.2	4.0
Open Reduction of Hip Fracture	28	10.7	5.7	*	14.3	10.9	*	14.3	14.4	*
Prostatectomy	180	1.1	1.4	1.0	3.3	3.4	2.1	3.9	5.5	2.9
Cholecystectomy	133	3.8	3.8	1.8	6.0	7.0	2.5	8.3	9.1	2.7
Hysterectomy	36	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,860	6.3	8.3	0.4	10.0	12.6	0.5	13.1	16.0	0.5
CONDITIONS:										
Acute Myocardial Infarction	336	15.8	24.1	3.0	18.2	27.6	3.3	19.0	31.2	3.7
Congestive Heart Failure	235	11.1	15.4	4.5	20.4	23.9	5.1	27.2	30.9	4.9
Pneumonia/Influenza	139	9.4	15.5	5.9	15.1	21.3	6.0	21.6	26.1	5.3
Chronic Obstructive Pulmonary Disease	76	5.3	8.2	4.6	10.5	14.1	5.9	11.8	18.9	7.2
Transient Cerebral Ischemia	128	2.3	1.8	1.2	3.1	3.6	1.7	3.9	5.5	2.3
Stroke	171	18.1	21.0	4.0	25.7	27.7	3.6	31.0	32.2	4.0
Hip Fracture	83	4.8	5.6	2.6	10.8	10.5	3.6	14.5	13.9	5.1
Sepsis	38	18.4	24.0	*	23.7	32.7	*	28.9	39.3	*
PROCEDURES:										
Angioplasty	98	3.1	5.4	3.7	4.1	6.4	3.8	6.1	7.7	3.5
Coronary Artery Bypass Graft	382	5.2	7.0	2.1	7.6	9.5	3.0	7.9	10.8	2.8
Initial Pacemaker Insertion	87	1.1	3.4	2.8	2.3	6.6	4.3	6.9	9.5	4.1
Carotid Endarterectomy	120	0.8	1.6	1.4	2.5	3.2	1.8	4.2	4.7	2.1
Hip Replacement/Reconstruction	52	1.9	2.6	2.4	1.9	5.2	5.4	7.7	7.2	4.5
Open Reduction of Hip Fracture	39	5.1	5.1	*	15.4	9.9	*	17.9	13.2	*
Prostatectomy	144	1.4	1.5	1.3	4.9	3.6	1.9	7.6	5.8	2.8
Cholecystectomy	121	3.3	3.6	2.3	5.8	6.3	2.8	6.6	8.2	3.3
Hysterectomy	38	0.0	0.8	*	2.6	1.7	*	2.6	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

493.1

SAINT THOMAS HOSPITAL
P.O. Box 380 • 4220 Harding Road • Nashville, Tennessee 37202

Medicare Provider Number for
Saint Thomas Hospital: 440082

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This is in response to the 1989 Medicare Mortality Information for Saint Thomas Hospital. The following comments are intended for publication along with our mortality information.

The mortality rates complied by HCFA are generally in correlation with Saint Thomas Hospital's internal data base. Based on our internal statistical analysis for data verification, the overall mortality rate at 30 days following hospitalization is 20% better than expected, and is a highly significant difference ($p = 0.0002$). Similar results are found at 90 and 180 days following hospitalization.

Similarly, the HCFA determined mortality rates for 17 conditions or procedures at the same three points in time (30 days, 90 days, and 180 days after hospitalization) again showed that for none of these measures does the mortality rate at Saint Thomas deviate significantly from that expected. For 5 of the 17 monitored conditions or procedures at Saint Thomas, the death rate at 30 days is at least one standard deviation better than expected; for none was the death rate even one standard deviation higher than expected.

A few procedures (hip replacement, initial pacemaker, and prostatectomy) showed possible trends toward death rates slightly higher than predicted, although none of these differences was statistically significant. However, review of comparable HCFA data from 1988 and 1987 showed no such patterns among these procedures in those years, confirming the statistical evidence that these results merely represented random fluctuation.

We feel that overall, HCFA has made significant changes and improvement in the method of evaluating the Medicare population's mortality rates. However, the data still does not adequately define the conditions/procedures nor does it stratify several clinical factors that may vary from institution to institution.

For example, the HCFA death rates for angioplasty and initial pacemaker were slightly higher than expected; however, preliminary clinical analysis for a sample of the specific cases revealed several acute MI patients (9 out of 20) in the "Angioplasty" data and a few severely ill patients (2 out of 16) with a temporary pacer or pacing Swan-ganz catheter in the "Initial Pacemaker" data.

Saint Thomas Hospital, as a major cardiac referral center, is much more likely to have acute MI patients undergoing angioplasty (vs. the non-MI patient) than smaller hospitals. Similarly, with our high severity index, we are much more likely to have patients requiring a temporary pacer or pacing Swan-Ganz catheter than some other institutions.

Because it was not clear from the data report if the category "Initial Pacemaker" included permanent, temporary, and pacing Swans, or if "Angioplasty" included both acute MI and non-MI patients, a significant amount of time was required to further analyze the specific cases.

A stratification of "categories/procedures" would be most helpful to institutions in regard to clarity and more efficient interpretation and analysis of the data (i.e., categorizing angioplasty as "with acute MI" and "without acute MI", or "Initial Permanent Pacemaker" instead of "Initial Pacemaker"). Also, inclusion of patient age on the mortality rate tables would be helpful.

Saint Thomas Hospital does believe that the mortality data are useful in helping to analyze the quality and appropriateness of the services we provide, but we are not convinced it is an appropriate or useful basis for a public release. The data identifies differences in mortality among hospital patient populations, but does not explain why they are different, as noted in the aforementioned examples.

Finally, we would like to point out that the AHA-provided "Hospital Characteristics" for Saint Thomas misrepresent our intensity of service. We recommend that the HCFA public release point out that Saint Thomas participates in a comprehensive intern/resident training program and provides both cardiac and other intensive care within its med/surg intensive care facilities.

Thank you for the opportunity to express our comments and concerns about the data before the public release.

Sincerely,

Sr. Almeda Golson

Sister Almeda Golson, D.C.
President, Saint Thomas Hospital

SAG:vf

STONES RIVER HOSPITAL

Doolittle Road Box 458
Woodbury, TN 37190

Medicare Provider Number: 440200

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	276	8.0	10.0	2.2	10.9	14.9	3.0	14.5	18.6	3.2
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	28.6	*	33.3	33.4	*	33.3	37.4	*
Congestive Heart Failure	14	7.1	11.2	*	14.3	18.4	*	14.3	24.6	*
Pneumonia/Influenza	49	2.0	10.7	*	4.1	14.8	*	8.2	18.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.5	*	0.0	5.1	*	0.0	7.5	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Stroke	22	13.6	15.8	*	22.7	23.4	*	27.3	28.2	*
Hip Fracture	3	33.3	3.4	*	33.3	6.5	*	33.3	8.8	*
Sepsis	2	50.0	30.9	*	100.0	37.6	*	100.0	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	2.8	*	50.0	5.8	*	50.0	8.1	*
Open Reduction of Hip Fracture	1	0.0	3.7	*	0.0	6.9	*	0.0	9.1	*
Prostatectomy	2	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	1	100.0	2.6	*	100.0	5.5	*	100.0	7.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	32
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STONES RIVER HOSPITAL

Medicare Provider Number: 440200

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	334	6.6	9.0	2.4	8.7	13.8	2.5	11.1	17.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	31.5	*	33.3	34.8	*	33.3	38.3	*
Congestive Heart Failure	18	5.6	12.0	*	5.6	18.8	*	5.6	24.7	*
Pneumonia/Influenza	53	5.7	12.5	7.9	9.4	17.5	8.5	15.1	21.3	8.5
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	0.0	14.0	*	0.0	18.0	*
Transient Cerebral Ischemia	1	0.0	3.1	*	0.0	6.8	*	0.0	10.7	*
Stroke	31	12.9	15.2	*	22.6	21.8	*	22.6	26.2	*
Hip Fracture	3	0.0	6.1	*	0.0	11.1	*	0.0	14.5	*
Sepsis	1	0.0	51.5	*	0.0	64.2	*	0.0	72.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.0	*	0.0	10.2	*	0.0	13.9	*
Open Reduction of Hip Fracture	1	0.0	6.4	*	0.0	11.2	*	0.0	14.0	*
Prostatectomy	2	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy	5	0.0	1.3	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	339	8.0	9.5	2.8	12.4	14.0	3.6	13.6	17.5	3.8
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	34.7	*	35.3	38.1	*	35.3	42.0	*
Congestive Heart Failure	21	14.3	13.4	*	14.3	21.4	*	19.0	28.3	*
Pneumonia/Influenza	20	5.0	13.9	*	10.0	19.1	*	10.0	23.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.6	*	0.0	14.8	*	0.0	19.0	*
Transient Cerebral Ischemia	4	0.0	1.4	*	0.0	2.8	*	0.0	4.4	*
Stroke	27	22.2	19.1	*	25.9	26.6	*	29.6	31.5	*
Hip Fracture	3	33.3	5.3	*	33.3	10.1	*	33.3	13.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.5	*	0.0	6.5	*	0.0	8.7	*
Open Reduction of Hip Fracture	2	50.0	5.2	*	50.0	10.6	*	50.0	14.5	*
Prostatectomy	5	0.0	1.0	*	0.0	2.5	*	0.0	4.0	*
Cholecystectomy	7	0.0	1.5	*	0.0	2.6	*	0.0	3.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SUMNER MEMORIAL HOSPITAL

555 Hartsville Pike
Gallatin, TN 37066

Medicare Provider Number: 440003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,101	9.5	8.8	1.0	13.3	13.4	1.2	15.9	17.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	26	38.5	29.7	*	42.3	33.2	*	42.3	36.6	*
Congestive Heart Failure	66	13.6	14.7	4.5	16.7	23.0	6.6	19.7	29.5	8.6
Pneumonia/Influenza	58	12.1	17.1	5.8	19.0	23.6	7.7	25.9	28.4	8.4
Chronic Obstructive Pulmonary Disease	34	5.9	5.0	*	8.8	9.7	*	11.8	14.0	*
Transient Cerebral Ischemia	22	4.5	1.7	*	4.5	3.8	*	4.5	6.0	*
Stroke	40	17.5	22.1	*	17.5	29.8	*	22.5	34.5	*
Hip Fracture	48	14.6	7.3	*	16.7	12.5	*	20.8	15.9	*
Sepsis	10	20.0	19.8	*	30.0	25.5	*	30.0	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	14.3	6.6	*	17.9	11.8	*	21.4	15.1	*
Open Reduction of Hip Fracture	15	13.3	5.2	*	13.3	9.5	*	20.0	12.4	*
Prostatectomy	41	0.0	0.8	*	0.0	2.0	*	4.9	3.3	*
Cholecystectomy	31	0.0	2.6	*	0.0	5.0	*	6.5	6.9	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	126
Occupancy Rate	65
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	43
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	85
Licensed Practical Nurses	86

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SUMNER MEMORIAL HOSPITAL

Medicare Provider Number: 440003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,158	9.9	9.2	1.2	14.7	13.7	1.2	17.1	17.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	46	30.4	30.9	*	34.8	34.3	*	34.8	37.9	*
Congestive Heart Failure	55	21.8	16.4	7.9	30.9	24.8	10.2	38.2	31.8	11.5
Pneumonia/Influenza	74	14.9	17.0	5.4	21.6	22.8	5.0	24.3	27.3	5.8
Chronic Obstructive Pulmonary Disease	30	3.3	6.3	*	10.0	11.4	*	16.7	16.0	*
Transient Cerebral Ischemia	29	3.4	2.0	*	10.3	4.6	*	10.3	7.4	*
Stroke	34	26.5	26.7	*	35.3	34.0	*	38.2	39.1	*
Hip Fracture	36	11.1	7.2	*	13.9	13.1	*	16.7	16.7	*
Sepsis	9	66.7	35.8	*	66.7	44.0	*	66.7	49.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.9	*
Hip Replacement/Reconstruction	19	0.0	3.9	*	5.3	7.5	*	10.5	9.8	*
Open Reduction of Hip Fracture	15	20.0	8.9	*	26.7	17.1	*	26.7	22.3	*
Prostatectomy	22	4.5	1.0	*	4.5	2.4	*	4.5	4.1	*
Cholecystectomy	17	0.0	2.1	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy	9	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,071	10.4	8.7	1.1	15.7	13.2	1.5	18.8	16.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	36	33.3	31.8	*	38.9	35.5	*	44.4	39.0	*
Congestive Heart Failure	50	18.0	16.7	*	28.0	25.2	*	36.0	32.0	*
Pneumonia/Influenza	65	27.7	19.0	7.7	29.2	25.8	6.7	30.8	30.9	6.0
Chronic Obstructive Pulmonary Disease	12	8.3	9.1	*	16.7	15.7	*	16.7	21.4	*
Transient Cerebral Ischemia	24	8.3	2.1	*	16.7	4.6	*	20.8	7.2	*
Stroke	35	22.9	22.3	*	28.6	28.2	*	40.0	32.6	*
Hip Fracture	39	2.6	6.3	*	7.7	11.1	*	10.3	14.2	*
Sepsis	11	18.2	25.2	*	27.3	33.8	*	27.3	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	2	0.0	1.0	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	25	4.0	4.8	*	12.0	9.0	*	16.0	11.8	*
Open Reduction of Hip Fracture	17	0.0	4.5	*	5.9	8.5	*	5.9	11.2	*
Prostatectomy	22	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	25	0.0	2.5	*	8.0	4.5	*	12.0	5.9	*
Hysterectomy	12	8.3	0.2	*	8.3	0.4	*	8.3	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SWEETWATER HOSPITAL

304 Wright St Box 312
Sweetwater, TN 37874

Medicare Provider Number: 440084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	677	8.3	10.7	1.5	13.3	16.0	1.6	16.5	20.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	33.2	*	33.3	36.9	*	38.9	41.2	*
Congestive Heart Failure	41	7.3	15.9	*	17.1	23.9	*	17.1	30.6	*
Pneumonia/Influenza	76	18.4	19.7	4.8	27.6	26.4	5.2	28.9	31.2	6.4
Chronic Obstructive Pulmonary Disease	10	10.0	8.6	*	20.0	15.5	*	20.0	21.4	*
Transient Cerebral Ischemia	18	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	26	11.5	23.0	*	30.8	28.6	*	34.6	33.0	*
Hip Fracture	0									
Sepsis	8	25.0	27.8	*	37.5	37.9	*	50.0	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	14	7.1	6.7	*	14.3	11.6	*	21.4	14.7	*
Hysterectomy	3	0.0	1.7	*	0.0	4.2	*	0.0	7.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SWEETWATER HOSPITAL

Medicare Provider Number: 440084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	639	10.0	12.0	1.9	14.9	17.2	2.1	18.6	21.3	2.2
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	33.7	*	31.8	37.2	*	36.4	41.5	*
Congestive Heart Failure	29	10.3	15.7	*	24.1	24.2	*	31.0	31.2	*
Pneumonia/Influenza	57	15.8	19.1	8.6	17.5	25.1	11.0	22.8	29.5	12.3
Chronic Obstructive Pulmonary Disease	14	7.1	6.0	*	7.1	10.6	*	7.1	14.9	*
Transient Cerebral Ischemia	16	6.3	2.4	*	6.3	5.7	*	6.3	9.0	*
Stroke	29	17.2	24.9	*	24.1	31.3	*	27.6	36.2	*
Hip Fracture	2	0.0	19.6	*	50.0	32.5	*	50.0	39.0	*
Sepsis	7	14.3	34.9	*	14.3	39.7	*	28.6	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	31.9	*	100.0	55.5	*	100.0	67.8	*
Prostatectomy	7	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	25	24.0	8.4	*	28.0	14.0	*	28.0	17.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	593	10.1	12.1	2.5	14.0	17.1	2.9	18.4	21.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	29	37.9	34.0	*	51.7	37.7	*	58.6	41.8	*
Congestive Heart Failure	20	10.0	18.3	*	20.0	26.9	*	35.0	33.7	*
Pneumonia/Influenza	56	17.9	19.0	5.6	19.6	25.2	7.9	25.0	29.8	8.2
Chronic Obstructive Pulmonary Disease	17	5.9	8.0	*	11.8	13.9	*	17.6	18.6	*
Transient Cerebral Ischemia	9	0.0	2.3	*	0.0	5.2	*	11.1	8.3	*
Stroke	25	20.0	25.3	*	32.0	31.9	*	32.0	36.8	*
Hip Fracture	4	0.0	6.3	*	0.0	11.5	*	25.0	15.2	*
Sepsis	17	41.2	32.4	*	47.1	41.7	*	47.1	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.7	*	0.0	9.0	*	0.0	12.2	*
Prostatectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*
Cholecystectomy	9	0.0	4.8	*	0.0	6.8	*	0.0	8.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SYCAMORE SHOALS HOSPITAL

1501 West Elk Avenue
Elizabethton, TN 37643

Medicare Provider Number: 440018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	737	13.3	10.5	1.7	19.9	15.4	2.3	22.7	19.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	44	27.3	24.5	*	36.4	27.6	*	38.6	31.0	*
Congestive Heart Failure	34	20.6	13.3	*	29.4	20.5	*	35.3	26.8	*
Pneumonia/Influenza	45	24.4	17.9	*	33.3	24.4	*	35.6	29.1	*
Chronic Obstructive Pulmonary Disease	15	20.0	8.6	*	33.3	14.8	*	40.0	20.2	*
Transient Cerebral Ischemia	16	6.3	1.6	*	6.3	3.4	*	6.3	5.4	*
Stroke	38	28.9	21.4	*	44.7	27.7	*	50.0	32.1	*
Hip Fracture	31	6.5	6.2	*	9.7	11.0	*	9.7	14.2	*
Sepsis	15	20.0	23.6	*	26.7	32.4	*	26.7	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	4.8	*	11.1	9.3	*	11.1	12.8	*
Open Reduction of Hip Fracture	16	6.3	6.4	*	12.5	11.6	*	12.5	15.0	*
Prostatectomy	7	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*
Cholecystectomy	20	5.0	3.2	*	10.0	5.3	*	10.0	6.6	*
Hysterectomy	10	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	40
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SYCAMORE SHOALS HOSPITAL

Medicare Provider Number: 440018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	775	15.9	10.8	1.9	19.5	15.6	1.6	23.4	19.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	35	42.9	28.9	*	42.9	32.3	*	42.9	35.8	*
Congestive Heart Failure	23	17.4	15.8	*	21.7	24.7	*	30.4	31.8	*
Pneumonia/Influenza	43	32.6	18.6	*	34.9	25.2	*	37.2	29.9	*
Chronic Obstructive Pulmonary Disease	12	8.3	6.2	*	16.7	10.7	*	25.0	14.8	*
Transient Cerebral Ischemia	18	5.6	1.7	*	5.6	3.5	*	11.1	5.4	*
Stroke	36	33.3	25.3	*	36.1	31.6	*	41.7	36.2	*
Hip Fracture	41	4.9	6.0	*	4.9	10.8	*	9.8	14.0	*
Sepsis	6	33.3	34.3	*	50.0	41.6	*	66.7	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	4.8	5.1	*	9.5	9.3	*	9.5	12.1	*
Open Reduction of Hip Fracture	15	6.7	5.2	*	6.7	10.1	*	13.3	13.5	*
Prostatectomy	19	10.5	1.3	*	10.5	3.1	*	15.8	5.1	*
Cholecystectomy	20	5.0	2.3	*	5.0	4.2	*	10.0	5.6	*
Hysterectomy	5	0.0	1.9	*	0.0	4.4	*	0.0	6.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	749	13.4	10.0	2.0	17.5	14.6	1.7	21.6	18.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	32	21.9	23.9	*	21.9	27.7	*	28.1	31.7	*
Congestive Heart Failure	27	22.2	15.1	*	29.6	23.7	*	33.3	30.8	*
Pneumonia/Influenza	31	25.8	19.1	*	35.5	26.0	*	41.9	31.3	*
Chronic Obstructive Pulmonary Disease	13	7.7	6.9	*	15.4	11.1	*	15.4	14.8	*
Transient Cerebral Ischemia	20	20.0	1.7	*	25.0	3.6	*	25.0	5.7	*
Stroke	20	30.0	20.8	*	35.0	27.4	*	35.0	32.1	*
Hip Fracture	18	16.7	4.6	*	16.7	8.3	*	16.7	11.0	*
Sepsis	15	40.0	40.2	*	53.3	47.7	*	66.7	54.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	22.2	4.6	*	22.2	8.4	*	22.2	11.0	*
Open Reduction of Hip Fracture	9	22.2	3.6	*	22.2	6.9	*	22.2	9.3	*
Prostatectomy	28	0.0	1.2	*	7.1	3.1	*	14.3	5.4	*
Cholecystectomy	15	13.3	4.8	*	13.3	7.4	*	13.3	8.7	*
Hysterectomy	5	0.0	1.2	*	0.0	2.5	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TAKOMA ADVENTIST HOSPITAL

401 Takoma Av
Greeneville, TN 37743

Medicare Provider Number: 440050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	788	8.5	9.5	1.3	12.3	14.3	1.8	14.3	18.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	27.4	*	20.8	30.1	*	20.8	33.4	*
Congestive Heart Failure	31	9.7	15.3	*	12.9	24.0	*	19.4	31.0	*
Pneumonia/Influenza	91	11.0	14.9	4.0	12.1	20.2	5.2	13.2	24.5	6.2
Chronic Obstructive Pulmonary Disease	8	0.0	3.8	*	12.5	7.0	*	12.5	10.0	*
Transient Cerebral Ischemia	16	6.3	1.8	*	6.3	3.9	*	6.3	6.4	*
Stroke	26	15.4	17.9	*	23.1	23.6	*	23.1	27.9	*
Hip Fracture	15	6.7	10.2	*	6.7	16.2	*	13.3	19.4	*
Sepsis	13	23.1	27.7	*	30.8	37.1	*	30.8	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	5.6	*	10.0	10.0	*	10.0	12.9	*
Open Reduction of Hip Fracture	5	0.0	17.2	*	0.0	26.7	*	20.0	30.7	*
Prostatectomy	14	0.0	1.3	*	0.0	3.1	*	0.0	5.4	*
Cholecystectomy	12	0.0	4.3	*	8.3	7.8	*	8.3	9.9	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	46
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	54
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TAKOMA ADVENTIST HOSPITAL

Medicare Provider Number: 440050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	788	10.7	9.6	1.7	15.9	14.5	1.7	17.9	18.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	21	52.4	31.1	*	57.1	34.3	*	57.1	38.0	*
Congestive Heart Failure	30	10.0	16.4	*	16.7	24.7	*	16.7	31.5	*
Pneumonia/Influenza	66	16.7	17.8	4.8	22.7	23.9	5.4	24.2	28.6	7.0
Chronic Obstructive Pulmonary Disease	5	20.0	3.6	*	40.0	7.5	*	60.0	11.0	*
Transient Cerebral Ischemia	11	0.0	2.7	*	9.1	5.8	*	9.1	9.0	*
Stroke	29	24.1	19.7	*	31.0	26.3	*	31.0	31.1	*
Hip Fracture	20	10.0	7.0	*	25.0	12.2	*	25.0	15.5	*
Sepsis	12	41.7	26.2	*	41.7	36.9	*	50.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.1	*	0.0	5.8	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	4.8	*	16.7	8.8	*	16.7	11.4	*
Open Reduction of Hip Fracture	10	10.0	6.4	*	30.0	11.6	*	30.0	15.0	*
Prostatectomy	13	7.7	0.8	*	7.7	1.8	*	7.7	3.0	*
Cholecystectomy	15	13.3	6.0	*	20.0	11.2	*	26.7	14.5	*
Hysterectomy	5	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	821	9.1	9.7	1.3	12.8	14.6	2.0	16.3	18.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	26	26.9	33.3	*	26.9	36.1	*	30.8	39.5	*
Congestive Heart Failure	41	12.2	16.4	*	17.1	24.6	*	29.3	31.4	*
Pneumonia/Influenza	66	13.6	17.5	5.6	22.7	23.5	5.5	31.8	28.5	6.4
Chronic Obstructive Pulmonary Disease	12	41.7	8.6	*	50.0	14.9	*	50.0	19.9	*
Transient Cerebral Ischemia	14	0.0	2.2	*	0.0	4.8	*	0.0	7.8	*
Stroke	37	21.6	23.2	*	24.3	29.7	*	24.3	34.4	*
Hip Fracture	22	9.1	6.8	*	9.1	12.2	*	13.6	15.6	*
Sepsis	9	22.2	33.9	*	22.2	43.1	*	22.2	49.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.7	*	0.0	7.7	*	0.0	11.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	10.0	3.7	*	10.0	6.8	*	10.0	8.9	*
Open Reduction of Hip Fracture	10	10.0	7.5	*	10.0	13.7	*	10.0	17.5	*
Prostatectomy	15	0.0	2.4	*	0.0	4.7	*	6.7	7.0	*
Cholecystectomy	9	0.0	3.3	*	0.0	6.3	*	0.0	8.8	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TENNESSEE CHRISTIAN MEDICAL CENTER

500 Hospital Dr
Madison, TN 37115

Medicare Provider Number: 440135

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	752	9.0	8.3	1.2	13.4	12.9	1.3	16.8	16.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	26.1	*	33.3	29.2	*	37.5	32.4	*
Congestive Heart Failure	46	8.7	12.7	*	13.0	20.4	*	17.4	26.6	*
Pneumonia/Influenza	24	8.3	15.2	*	12.5	20.5	*	20.8	24.8	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.2	*	14.3	10.7	*	14.3	14.9	*
Transient Cerebral Ischemia	13	7.7	1.7	*	7.7	3.7	*	7.7	5.8	*
Stroke	26	26.9	21.6	*	34.6	28.4	*	42.3	33.2	*
Hip Fracture	14	14.3	5.3	*	21.4	9.5	*	21.4	12.6	*
Sepsis	8	12.5	22.1	*	25.0	30.1	*	25.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.7	*	0.0	3.8	*	25.0	6.1	*
Carotid Endarterectomy	5	0.0	1.2	*	20.0	2.3	*	20.0	3.3	*
Hip Replacement/Reconstruction	6	16.7	3.0	*	33.3	6.0	*	33.3	8.4	*
Open Reduction of Hip Fracture	6	16.7	5.0	*	16.7	9.4	*	16.7	12.5	*
Prostatectomy	9	11.1	0.8	*	11.1	1.9	*	11.1	3.4	*
Cholecystectomy	14	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	6	0.0	2.0	*	0.0	4.1	*	0.0	5.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	200
Occupancy Rate	62
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	102
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TENNESSEE CHRISTIAN MEDICAL CENTER

Medicare Provider Number: 440135

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	921	6.9	7.5	1.5	11.9	11.6	1.4	15.5	14.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	25.4	*	26.1	28.6	*	30.4	32.1	*
Congestive Heart Failure	36	16.7	13.3	*	19.4	20.8	*	27.8	27.2	*
Pneumonia/Influenza	40	12.5	16.3	*	17.5	22.4	*	22.5	26.9	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.7	*	16.7	13.1	*	16.7	17.6	*
Transient Cerebral Ischemia	18	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke	34	23.5	23.6	*	41.2	31.6	*	44.1	36.7	*
Hip Fracture	24	4.2	6.0	*	8.3	11.4	*	12.5	15.0	*
Sepsis	8	25.0	22.7	*	25.0	31.0	*	25.0	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.7	*	0.0	3.4	*	0.0	5.3	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.3	*	0.0	3.5	*
Hip Replacement/Reconstruction	14	0.0	6.6	*	7.1	12.9	*	14.3	17.0	*
Open Reduction of Hip Fracture	10	0.0	4.3	*	0.0	8.4	*	0.0	11.3	*
Prostatectomy	8	0.0	0.9	*	12.5	2.4	*	12.5	4.0	*
Cholecystectomy	32	0.0	1.4	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	937	6.3	6.6	1.1	10.0	10.4	1.1	14.1	13.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	27.0	*	39.1	30.2	*	39.1	33.3	*
Congestive Heart Failure	43	9.3	13.2	*	14.0	20.5	*	23.3	26.9	*
Pneumonia/Influenza	34	5.9	13.1	*	8.8	18.0	*	11.8	22.0	*
Chronic Obstructive Pulmonary Disease	12	8.3	5.0	*	16.7	10.4	*	16.7	15.4	*
Transient Cerebral Ischemia	22	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	25	24.0	17.9	*	28.0	24.2	*	32.0	28.7	*
Hip Fracture	15	0.0	6.0	*	0.0	10.6	*	0.0	13.5	*
Sepsis	7	28.6	25.9	*	42.9	32.8	*	42.9	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.7	*	0.0	10.2	*	0.0	15.2	*
Carotid Endarterectomy	2	0.0	2.0	*	0.0	3.5	*	0.0	4.8	*
Hip Replacement/Reconstruction	10	0.0	2.7	*	0.0	5.3		0.0	7.2	*
Open Reduction of Hip Fracture	6	0.0	8.3	*	0.0	14.6	*	0.0	18.2	*
Prostatectomy	16	6.3	1.2	*	6.3	2.3	*	12.5	3.4	*
Cholecystectomy	23	4.3	1.8	*	4.3	4.0	*	4.3	6.0	*
Hysterectomy	6	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

THREE RIVERS COMMUNITY HOSPITAL

S Church St
Waverly, TN 37185

Medicare Provider Number: 440100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	165	9.1	10.4	2.6	12.1	15.4	4.0	13.9	19.2	5.1
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	22.8	*	0.0	25.5	*	33.3	28.3	*
Congestive Heart Failure	13	15.4	17.3	*	23.1	27.5	*	38.5	35.4	*
Pneumonia/Influenza	14	21.4	18.7	*	21.4	25.4	*	21.4	30.2	*
Chronic Obstructive Pulmonary Disease	4	0.0	14.4	*	25.0	25.6	*	25.0	34.0	*
Transient Cerebral Ischemia	2	50.0	1.6	*	50.0	3.5	*	50.0	5.6	*
Stroke	2	50.0	27.1	*	50.0	34.3	*	50.0	39.4	*
Hip Fracture	0									
Sepsis	5	20.0	27.2	*	20.0	36.1	*	20.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	2	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	52
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

THREE RIVERS COMMUNITY HOSPITAL

Medicare Provider Number: 440100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	191	8.4	10.0	3.9	11.0	15.0	5.1	15.2	19.0	5.3
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	30.1	*	75.0	34.0	*	75.0	38.0	*
Congestive Heart Failure	14	14.3	16.9	*	21.4	25.4	*	28.6	31.7	*
Pneumonia/Influenza	17	5.9	13.8	*	5.9	19.2	*	5.9	23.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.1	*	16.7	14.1	*	16.7	19.6	*
Transient Cerebral Ischemia	2	0.0	2.1	*	0.0	4.1	*	0.0	6.3	*
Stroke	3	0.0	20.2	*	33.3	27.5	*	33.3	32.4	*
Hip Fracture	0									
Sepsis	7	0.0	25.7	*	0.0	33.3	*	0.0	39.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	228	8.3	8.9	2.0	14.9	13.6	2.6	17.5	17.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	33.0	*	40.0	37.1	*	40.0	41.0	*
Congestive Heart Failure	17	11.8	16.7	*	23.5	24.8	*	29.4	31.6	*
Pneumonia/Influenza	20	5.0	14.5	*	20.0	19.9	*	25.0	24.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.2	*	25.0	11.8	*	25.0	16.8	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	14.9	*	66.7	20.2	*	66.7	24.1	*
Hip Fracture	0									
Sepsis	3	33.3	17.9	*	33.3	25.3	*	33.3	30.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.3	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

TRINITY HOSPITAL

P O Box 489
Erin, TN 37061

Medicare Provider Number: 440149

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	419	12.4	9.9	1.9	17.7	15.7	1.9	20.8	20.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	6	100.0	35.2	*	100.0	39.1	*	100.0	42.9	*
Congestive Heart Failure	46	28.3	13.0	*	32.6	20.7	*	32.6	27.1	*
Pneumonia/Influenza	19	26.3	17.4	*	31.6	24.8	*	36.8	30.1	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.3	*	25.0	9.2	*	25.0	14.0	*
Transient Cerebral Ischemia	22	0.0	2.7	*	4.5	6.5	*	9.1	10.6	*
Stroke	19	5.3	19.7	*	10.5	26.7	*	15.8	31.2	*
Hip Fracture	1	0.0	45.7	*	0.0	81.0	*	100.0	95.0	*
Sepsis	9	11.1	27.4	*	11.1	40.2	*	11.1	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	5.5	*	0.0	9.8	*	0.0	12.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	40
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

TRINITY HOSPITAL

Medicare Provider Number: 440149

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	435	11.3	9.9	1.6	15.9	15.7	1.8	19.3	20.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	26.5	*	66.7	29.8	*	77.8	33.3	*
Congestive Heart Failure	43	18.6	14.2	*	20.9	22.4	*	23.3	29.2	*
Pneumonia/Influenza	22	9.1	17.9	*	13.6	24.7	*	18.2	29.7	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.6	*	0.0	12.1	*	16.7	16.4	*
Transient Cerebral Ischemia	10	10.0	1.8	*	10.0	4.1	*	10.0	6.6	*
Stroke	17	23.5	20.4	*	35.3	28.9	*	35.3	34.1	*
Hip Fracture	3	0.0	3.1	*	0.0	5.8	*	0.0	7.7	*
Sepsis	7	42.9	32.9	*	42.9	48.4	*	42.9	57.8	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	2.7	*	0.0	5.2	*	0.0	7.1	*
Prostatectomy	0									
Cholecystectomy	3	0.0	3.2	*	0.0	7.8	*	0.0	12.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	410	7.8	7.9	1.6	12.2	12.9	2.4	14.9	16.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	28.0	*	12.5	31.1	*	12.5	34.3	*
Congestive Heart Failure	27	7.4	14.9	*	22.2	23.1	*	25.9	29.9	*
Pneumonia/Influenza	9	0.0	16.5	*	11.1	23.7	*	22.2	29.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.2	*	0.0	15.7	*	0.0	23.3	*
Transient Cerebral Ischemia	14	0.0	2.5	*	0.0	5.4	*	7.1	8.6	*
Stroke	14	21.4	16.0	*	21.4	23.9	*	21.4	28.8	*
Hip Fracture	5	0.0	5.6	*	0.0	10.7	*	0.0	14.2	*
Sepsis	8	12.5	15.7	*	12.5	23.2	*	12.5	28.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	4.8	*	0.0	9.7	*	0.0	13.2	*
Prostatectomy	0									
Cholecystectomy	4	0.0	4.1	*	0.0	8.1	*	0.0	10.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNICOI COUNTY MEMORIAL HOSPITAL

Greenway Circle
Erwin, TN 37650

Medicare Provider Number: 440001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	9.0	9.0	1.9	13.7	13.7	1.7	16.8	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	18	16.7	33.1	*	16.7	37.2	*	27.8	41.8	*
Congestive Heart Failure	20	15.0	16.3	*	35.0	25.9	*	40.0	33.4	*
Pneumonia/Influenza	16	18.8	17.6	*	25.0	24.2	*	25.0	29.5	*
Chronic Obstructive Pulmonary Disease	10	0.0	3.4	*	0.0	6.7	*	10.0	9.9	*
Transient Cerebral Ischemia	12	0.0	2.3	*	8.3	5.5	*	8.3	9.0	*
Stroke	16	31.3	17.7	*	43.8	24.2	*	56.3	28.6	*
Hip Fracture	22	9.1	7.3	*	18.2	12.9	*	18.2	16.8	*
Sepsis	4	25.0	24.6	*	25.0	29.6	*	25.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	7.4	*	11.1	13.0	*	11.1	17.0	*
Open Reduction of Hip Fracture	9	22.2	6.7	*	33.3	12.6	*	33.3	16.5	*
Prostatectomy	12	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy	7	0.0	6.7	*	14.3	10.1	*	14.3	11.2	*
Hysterectomy	2	0.0	2.2	*	0.0	5.2	*	0.0	8.1	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	94
Occupancy Rate	72
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNICOI COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 440001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	407	8.4	8.5	1.4	12.5	13.3	1.8	16.0	17.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	29.6	*	11.1	33.8	*	11.1	38.5	*
Congestive Heart Failure	17	11.8	16.0	*	17.6	23.0	*	17.6	28.9	*
Pneumonia/Influenza	17	23.5	14.1	*	35.3	19.4	*	35.3	23.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	6.1	*	14.3	11.8	*	14.3	16.3	*
Transient Cerebral Ischemia	8	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke	3	33.3	30.8	*	33.3	39.2	*	66.7	45.0	*
Hip Fracture	16	18.8	6.0	*	25.0	11.0	*	25.0	14.3	*
Sepsis	6	50.0	16.4	*	66.7	24.4	*	66.7	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	4.0	*	33.3	7.7	*	33.3	10.1	*
Open Reduction of Hip Fracture	8	12.5	5.5	*	12.5	10.5	*	12.5	14.0	*
Prostatectomy	14	0.0	1.2	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy	8	0.0	2.1	*	0.0	4.0	*	0.0	5.6	*
Hysterectomy	1	0.0	1.3	*	0.0	2.7	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	378	7.9	9.8	2.1	11.4	14.7	2.8	15.1	18.4	2.9
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	38.9	*	50.0	42.5	*	62.5	46.3	*
Congestive Heart Failure	17	23.5	22.6	*	41.2	33.7	*	47.1	41.5	*
Pneumonia/Influenza	30	23.3	16.3	*	26.7	22.3	*	26.7	26.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.4	*	0.0	9.6	*	0.0	13.4	*
Transient Cerebral Ischemia	7	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	11	18.2	21.6	*	18.2	28.9	*	18.2	33.9	*
Hip Fracture	11	0.0	6.6	*	0.0	11.7	*	9.1	15.3	*
Sepsis	1	0.0	19.3	*	0.0	28.1	*	0.0	33.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.1	*	0.0	7.4	*	0.0	9.6	*
Open Reduction of Hip Fracture	6	0.0	5.4	*	0.0	10.1	*	0.0	13.4	*
Prostatectomy	9	0.0	1.9	*	0.0	4.8	*	0.0	8.0	*
Cholecystectomy	6	0.0	2.5	*	0.0	4.4	*	0.0	5.6	*
Hysterectomy	4	0.0	1.3	*	0.0	2.0	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNIVERSITY MEDICAL CENTER HOSPITAL

1411 Baddour Parkway
Lebanon, TN 37087

Medicare Provider Number: 440193

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	607	6.4	7.8	1.6	9.2	12.2	1.9	12.7	15.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	29.5	*	37.5	32.9	*	50.0	36.4	*
Congestive Heart Failure	22	4.5	14.0	*	13.6	21.8	*	36.4	28.5	*
Pneumonia/Influenza	36	5.6	14.4	*	5.6	20.2	*	8.3	24.6	*
Chronic Obstructive Pulmonary Disease	12	8.3	4.0	*	8.3	8.5	*	8.3	12.8	*
Transient Cerebral Ischemia	12	8.3	2.0	*	8.3	4.7	*	8.3	7.7	*
Stroke	18	11.1	13.6	*	11.1	21.1	*	22.2	25.9	*
Hip Fracture	11	0.0	4.9	*	0.0	9.0	*	0.0	12.1	*
Sepsis	4	50.0	44.8	*	75.0	52.9	*	75.0	59.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.8	*	0.0	5.5	*	0.0	8.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	6.4	*	0.0	10.9	*	0.0	13.8	*
Open Reduction of Hip Fracture	5	0.0	4.0	*	0.0	7.7	*	0.0	10.6	*
Prostatectomy	16	0.0	1.2	*	6.3	2.8	*	6.3	4.6	*
Cholecystectomy	12	16.7	3.4	*	16.7	6.1	*	16.7	8.2	*
Hysterectomy	5	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	125
Occupancy Rate	65
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	46
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	57
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY MEDICAL CENTER HOSPITAL

Medicare Provider Number: 440193

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	459	7.2	8.4	1.8	10.0	13.2	3.2	14.4	16.9	3.6
CONDITIONS:										
Acute Myocardial Infarction	8	87.5	33.9	*	87.5	40.1	*	87.5	44.4	*
Congestive Heart Failure	20	0.0	13.8	*	15.0	22.3	*	30.0	29.5	*
Pneumonia/Influenza	20	5.0	13.6	*	10.0	18.5	*	15.0	22.3	*
Chronic Obstructive Pulmonary Disease	4	25.0	9.3	*	25.0	20.6	*	50.0	29.7	*
Transient Cerebral Ischemia	11	0.0	1.9	*	0.0	4.0	*	0.0	6.0	*
Stroke	17	17.6	19.3	*	17.6	26.1	*	29.4	30.6	*
Hip Fracture	3	0.0	11.3	*	0.0	20.1	*	0.0	25.3	*
Sepsis	6	33.3	34.1	*	33.3	42.5	*	33.3	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	11.1	*	25.0	15.3	*	25.0	19.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.4	*	0.0	10.1	*	0.0	12.5	*
Open Reduction of Hip Fracture	2	0.0	10.0	*	0.0	18.8	*	0.0	24.7	*
Prostatectomy	11	0.0	2.4	*	0.0	5.8	*	9.1	9.3	*
Cholecystectomy	8	0.0	3.3	*	0.0	5.5	*	0.0	7.1	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	408	5.9	8.2	1.6	11.3	12.8	1.7	14.7	16.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	41.2	*	66.7	44.9	*	66.7	48.5	*
Congestive Heart Failure	29	3.4	17.3	*	24.1	27.0	*	34.5	34.7	*
Pneumonia/Influenza	30	10.0	16.0	*	20.0	22.5	*	26.7	27.7	*
Chronic Obstructive Pulmonary Disease	11	9.1	4.7	*	9.1	8.8	*	9.1	12.3	*
Transient Cerebral Ischemia	13	0.0	2.2	*	0.0	4.9	*	0.0	7.5	*
Stroke	11	45.5	15.3	*	63.6	22.3	*	72.7	26.6	*
Hip Fracture	2	0.0	4.7	*	0.0	8.6	*	0.0	11.5	*
Sepsis	6	16.7	35.0	*	33.3	43.2	*	50.0	49.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.0	*	0.0	4.0	*	0.0	5.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.2	*	0.0	7.9	*	0.0	10.7	*
Open Reduction of Hip Fracture	1	0.0	4.2	*	0.0	8.2	*	0.0	11.0	*
Prostatectomy	9	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	7	0.0	2.0	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

UNIVERSITY OF TENNESSEE MEDICAL CENTER

951 Court Av
Memphis, TN 38103

Medicare Provider Number: 440166

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	986	6.3	6.7	1.2	11.1	10.8	1.5	14.6	14.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	34.9	*	22.2	38.5	*	22.2	43.3	*
Congestive Heart Failure	18	11.1	15.2	*	22.2	24.6	*	27.8	32.2	*
Pneumonia/Influenza	10	20.0	11.0	*	30.0	15.6	*	30.0	19.3	*
Chronic Obstructive Pulmonary Disease	12	16.7	10.6	*	16.7	18.9	*	16.7	25.6	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*
Stroke	15	26.7	25.8	*	40.0	32.2	*	46.7	36.9	*
Hip Fracture	6	0.0	4.9	*	0.0	9.1	*	0.0	12.1	*
Sepsis	9	22.2	29.4	*	55.6	35.6	*	55.6	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	3	33.3	3.3	*	33.3	4.5	*	33.3	5.4	*
Initial Pacemaker Insertion	2	0.0	2.0	*	0.0	3.9	*	50.0	5.8	*
Carotid Endarterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.9	*
Hip Replacement/Reconstruction	15	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	76	3.9	0.7	2.2	5.3	1.8	2.4	7.9	3.1	3.5
Cholecystectomy	8	0.0	7.6	*	37.5	12.6	*	37.5	15.5	*
Hysterectomy	2	0.0	2.9	*	0.0	6.4	*	0.0	9.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	58
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	261
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	93
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF TENNESSEE MEDICAL CENTER

Medicare Provider Number: 440166

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	917	5.3	6.7	1.2	11.0	11.0	1.0	15.5	14.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	29.8	*	16.7	33.0	*	16.7	36.8	*
Congestive Heart Failure	22	9.1	17.4	*	22.7	28.0	*	45.5	36.1	*
Pneumonia/Influenza	17	23.5	25.5	*	35.3	35.0	*	41.2	41.4	*
Chronic Obstructive Pulmonary Disease	8	0.0	9.3	*	0.0	17.7	*	0.0	24.5	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.8	*	16.7	7.8	*
Stroke	7	0.0	20.2	*	14.3	26.5	*	14.3	31.1	*
Hip Fracture	1	0.0	16.9	*	0.0	36.6	*	0.0	51.6	*
Sepsis	6	33.3	28.2	*	50.0	36.0	*	50.0	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	7.5	*	20.0	14.6	*	20.0	19.6	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction	1	0.0	4.9	*	0.0	8.4	*	0.0	11.6	*
Open Reduction of Hip Fracture	1	0.0	14.5	*	0.0	32.9	*	0.0	47.8	*
Prostatectomy	56	1.8	1.2	1.7	1.8	3.1	3.1	5.4	5.1	3.0
Cholecystectomy	7	0.0	2.2	*	0.0	3.6	*	0.0	4.6	*
Hysterectomy	6	0.0	0.8	*	0.0	2.1	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	914	7.2	6.8	1.0	12.7	11.0	1.8	15.6	14.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	8	0.0	27.0	*	0.0	30.8	*	0.0	34.8	*
Congestive Heart Failure	24	8.3	18.0	*	25.0	29.0	*	25.0	37.6	*
Pneumonia/Influenza	7	28.6	16.1	*	42.9	22.0	*	42.9	26.6	*
Chronic Obstructive Pulmonary Disease	11	0.0	12.9	*	9.1	20.3	*	18.2	25.6	*
Transient Cerebral Ischemia	9	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	14	28.6	22.9	*	42.9	29.5	*	42.9	34.3	*
Hip Fracture	2	0.0	4.8	*	0.0	9.2	*	0.0	12.4	*
Sepsis	11	18.2	29.3	*	36.4	36.7	*	36.4	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	3	0.0	8.9	*	0.0	9.8	*	0.0	10.5	*
Initial Pacemaker Insertion	1	0.0	2.7	*	0.0	5.3	*	0.0	7.7	*
Carotid Endarterectomy	2	0.0	2.0	*	0.0	4.3	*	0.0	6.2	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	61	0.0	1.1	2.9	3.3	2.9	2.2	4.9	5.0	2.8
Cholecystectomy	20	0.0	2.7	*	5.0	5.3	*	10.0	7.5	*
Hysterectomy	10	0.0	0.5	*	10.0	0.9	*	10.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNIVERSITY OF TENNESSEE MEM HOSPITAL

1924 Alcoa Highway
Knoxville, TN 37920

Medicare Provider Number: 440015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,502	8.9	8.4	0.8	13.4	12.5	1.0	16.4	15.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	99	29.3	25.9	8.8	34.3	29.2	9.3	36.4	32.5	8.5
Congestive Heart Failure	135	17.8	14.1	3.4	29.6	21.9	4.9	34.8	28.5	5.0
Pneumonia/Influenza	110	13.6	15.2	4.3	18.2	20.9	5.9	21.8	25.3	6.5
Chronic Obstructive Pulmonary Disease	48	4.2	6.3	*	12.5	10.9	*	18.8	15.1	*
Transient Cerebral Ischemia	38	2.6	1.7	*	5.3	3.8	*	5.3	6.0	*
Stroke	96	18.7	21.7	4.8	22.9	27.5	5.6	25.0	31.8	7.1
Hip Fracture	54	1.9	6.6	4.9	7.4	11.2	6.7	7.4	14.2	6.5
Sepsis	24	50.0	27.5	*	58.3	35.8	*	58.3	42.2	*
PROCEDURES:										
Angioplasty	49	4.1	3.3	*	4.1	4.3	*	4.1	5.4	*
Coronary Artery Bypass Graft	128	4.7	5.1	2.0	7.0	7.4	2.4	7.8	9.0	3.1
Initial Pacemaker Insertion	21	0.0	2.7	*	4.8	5.5	*	4.8	8.3	*
Carotid Endarterectomy	31	3.2	1.4	*	3.2	2.7	*	6.5	4.0	*
Hip Replacement/Reconstruction	29	0.0	4.6	*	3.4	7.9	*	3.4	10.0	*
Open Reduction of Hip Fracture	22	4.5	5.5	*	9.1	10.1	*	9.1	13.2	*
Prostatectomy	83	0.0	1.2	2.4	4.8	2.9	2.2	7.2	4.7	3.5
Cholecystectomy	71	2.8	2.1	2.5	2.8	3.7	3.1	2.8	4.9	3.6
Hysterectomy	42	2.4	0.7	*	4.8	1.7	*	4.8	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	554
Occupancy Rate	81
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	315
Percent of Physicians Board Certified Specialists	72
Medical Residents/Interns	79
Registered Nurses	627
Licensed Practical Nurses	81

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF TENNESSEE MEM HOSPITAL

Medicare Provider Number: 440015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,584	7.7	8.0	0.5	12.7	12.1	0.7	15.8	15.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	85	27.1	27.5	4.9	29.4	30.7	5.5	31.8	34.3	6.7
Congestive Heart Failure	119	21.0	15.8	5.1	30.3	24.4	5.5	33.6	31.2	4.5
Pneumonia/Influenza	95	16.8	17.5	4.0	21.1	23.7	5.0	26.3	28.6	6.5
Chronic Obstructive Pulmonary Disease	51	9.8	7.3	6.8	15.7	12.6	7.1	17.6	17.4	7.1
Transient Cerebral Ischemia	51	2.0	1.7	*	2.0	3.6	*	3.9	5.6	*
Stroke	99	18.2	18.8	5.3	26.3	24.3	5.6	28.3	28.6	4.6
Hip Fracture	56	5.4	6.8	3.8	10.7	11.8	4.4	16.1	14.9	6.2
Sepsis	16	31.3	27.8	*	37.5	35.0	*	50.0	40.8	*
PROCEDURES:										
Angioplasty	52	0.0	3.3	*	0.0	4.2	*	0.0	5.4	*
Coronary Artery Bypass Graft	142	2.8	5.9	3.0	6.3	8.4	3.4	6.3	9.9	3.5
Initial Pacemaker Insertion	23	0.0	3.5	*	4.3	6.6	*	8.7	9.4	*
Carotid Endarterectomy	27	0.0	1.5	*	3.7	2.7	*	11.1	4.0	*
Hip Replacement/Reconstruction	35	2.9	3.8	*	2.9	7.3	*	8.6	9.7	*
Open Reduction of Hip Fracture	26	7.7	5.8	*	15.4	10.5	*	19.2	13.6	*
Prostatectomy	89	0.0	1.0	1.3	1.1	2.3	1.9	3.4	3.8	2.6
Cholecystectomy	70	4.3	3.1	3.5	8.6	5.8	4.2	8.6	7.8	4.2
Hysterectomy	37	0.0	0.6	*	0.0	1.3	*	2.7	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,424	8.7	8.3	0.6	13.2	12.3	0.9	16.1	15.6	0.7
CONDITIONS:										
Acute Myocardial Infarction	106	34.9	27.5	6.8	38.7	30.8	6.4	40.6	34.6	6.4
Congestive Heart Failure	106	13.2	14.4	3.5	25.5	22.1	4.7	31.1	28.7	5.4
Pneumonia/Influenza	87	19.5	17.6	8.6	28.7	23.6	9.8	33.3	28.4	9.3
Chronic Obstructive Pulmonary Disease	48	8.3	10.0	*	25.0	16.7	*	27.1	21.8	*
Transient Cerebral Ischemia	33	0.0	1.6	*	3.0	3.3	*	6.1	5.2	*
Stroke	82	18.3	21.4	5.2	26.8	27.2	5.0	30.5	31.6	5.4
Hip Fracture	47	0.0	7.1	*	4.3	12.4	*	6.4	15.7	*
Sepsis	21	19.0	36.6	*	38.1	43.8	*	52.4	50.5	*
PROCEDURES:										
Angioplasty	61	3.3	3.4	2.3	6.6	4.5	3.2	6.6	5.7	3.3
Coronary Artery Bypass Graft	169	5.9	6.9	2.7	9.5	9.7	2.7	9.5	11.4	2.9
Initial Pacemaker Insertion	35	0.0	2.6	*	2.9	5.7	*	5.7	8.6	*
Carotid Endarterectomy	19	0.0	1.7	*	5.3	3.2	*	5.3	4.7	*
Hip Replacement/Reconstruction	28	0.0	2.2	*	0.0	4.0	*	0.0	5.3	*
Open Reduction of Hip Fracture	16	0.0	6.8	*	0.0	12.7	*	6.3	16.5	*
Prostatectomy	72	2.8	2.0	1.9	6.9	4.8	3.1	9.7	7.6	3.7
Cholecystectomy	64	4.7	3.2	2.4	10.9	5.2	3.9	14.1	6.6	4.6
Hysterectomy	20	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

VANDERBILT UNIVERSITY MEDICAL CENTER

1211 22nd Ave
Nashville, TN 37232

Medicare Provider Number: 440039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,645	7.5	7.4	0.5	11.6	11.9	0.7	14.6	15.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	45	15.6	22.3	*	20.0	25.8	*	20.0	29.1	*
Congestive Heart Failure	89	13.5	15.6	4.4	24.7	24.3	4.6	31.5	31.3	5.0
Pneumonia/Influenza	45	28.9	16.8	*	33.3	23.1	*	35.6	28.0	*
Chronic Obstructive Pulmonary Disease	25	4.0	7.4	*	12.0	12.8	*	12.0	17.5	*
Transient Cerebral Ischemia	25	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Stroke	49	28.6	19.7	*	28.6	25.9	*	40.8	30.2	*
Hip Fracture	29	3.4	5.7	*	6.9	10.2	*	6.9	13.3	*
Sepsis	21	23.8	20.3	*	33.3	27.4	*	42.9	32.7	*
PROCEDURES:										
Angioplasty	29	3.4	3.7	*	6.9	4.6	*	6.9	5.6	*
Coronary Artery Bypass Graft	61	8.2	7.0	3.3	8.2	10.3	4.1	8.2	12.2	5.0
Initial Pacemaker Insertion	6	0.0	5.8	*	16.7	9.7	*	16.7	12.9	*
Carotid Endarterectomy	9	0.0	1.8	*	0.0	3.7	*	0.0	5.4	*
Hip Replacement/Reconstruction	43	0.0	2.2	*	0.0	4.5	*	0.0	6.5	*
Open Reduction of Hip Fracture	16	6.3	5.4	*	6.3	10.2	*	6.3	13.6	*
Prostatectomy	33	3.0	0.8	*	12.1	2.0	*	15.2	3.4	*
Cholecystectomy	38	5.3	3.4	*	7.9	6.4	*	7.9	8.7	*
Hysterectomy	27	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	605
Occupancy Rate	84
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	474
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	242
Registered Nurses	976
Licensed Practical Nurses	96

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

VANDERBILT UNIVERSITY MEDICAL CENTER

Medicare Provider Number: 440039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,526	6.3	8.0	0.6	10.0	12.7	0.7	13.5	16.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	36	27.8	29.7	*	33.3	32.9	*	36.1	36.4	*
Congestive Heart Failure	72	9.7	15.1	5.4	12.5	22.9	6.7	19.4	29.3	7.8
Pneumonia/Influenza	50	4.0	15.9	*	10.0	21.9	*	12.0	26.7	*
Chronic Obstructive Pulmonary Disease	30	16.7	12.1	*	23.3	20.2	*	26.7	26.6	*
Transient Cerebral Ischemia	33	0.0	2.0	*	0.0	4.0	*	3.0	6.0	*
Stroke	55	21.8	25.4	11.0	23.6	31.8	10.2	27.3	36.5	11.2
Hip Fracture	39	7.7	6.5	*	12.8	11.7	*	23.1	15.2	*
Sepsis	19	10.5	25.4	*	21.1	35.3	*	31.6	41.8	*
PROCEDURES:										
Angioplasty	30	6.7	5.5	*	13.3	6.7	*	20.0	7.8	*
Coronary Artery Bypass Graft	61	11.5	7.6	4.7	11.5	11.1	4.4	13.1	13.0	4.7
Initial Pacemaker Insertion	5	0.0	2.9	*	20.0	5.5	*	20.0	8.1	*
Carotid Endarterectomy	10	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	38	5.3	3.2	*	10.5	6.0	*	15.8	8.0	*
Open Reduction of Hip Fracture	20	5.0	5.0	*	5.0	9.7	*	10.0	12.9	*
Prostatectomy	29	0.0	1.8	*	0.0	4.5	*	0.0	7.6	*
Cholecystectomy	22	4.5	5.1	*	13.6	10.5	*	18.2	14.8	*
Hysterectomy	30	0.0	1.4	*	0.0	3.1	*	3.3	4.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,495	5.9	7.6	0.6	10.2	12.3	0.7	13.9	16.0	0.8
CONDITIONS:										
Acute Myocardial Infarction	42	16.7	28.2	*	31.0	32.2	*	35.7	35.8	*
Congestive Heart Failure	85	10.6	17.6	5.8	21.2	27.2	6.0	28.2	34.7	5.9
Pneumonia/Influenza	46	15.2	15.8	*	19.6	21.4	*	21.7	25.7	*
Chronic Obstructive Pulmonary Disease	11	9.1	10.2	*	18.2	17.1	*	36.4	22.1	*
Transient Cerebral Ischemia	29	3.4	1.6	*	3.4	3.5	*	6.9	5.5	*
Stroke	51	25.5	20.9	7.2	29.4	26.6	6.8	31.4	30.6	6.7
Hip Fracture	25	8.0	5.8	*	12.0	10.7	*	16.0	14.0	*
Sepsis	12	25.0	22.9	*	33.3	31.6	*	41.7	37.4	*
PROCEDURES:										
Angioplasty	27	0.0	5.8	*	7.4	7.6	*	11.1	9.4	*
Coronary Artery Bypass Graft	46	8.7	6.9	*	13.0	10.5	*	13.0	12.8	*
Initial Pacemaker Insertion	7	0.0	3.3	*	0.0	6.1	*	0.0	8.6	*
Carotid Endarterectomy	11	9.1	1.7	*	9.1	3.3	*	9.1	4.7	*
Hip Replacement/Reconstruction	32	3.1	1.8	*	3.1	3.6	*	3.1	4.9	*
Open Reduction of Hip Fracture	12	16.7	4.9	*	25.0	9.6	*	25.0	12.8	*
Prostatectomy	36	2.8	1.1	*	2.8	2.8	*	8.3	4.8	*
Cholecystectomy	29	0.0	4.0	*	0.0	7.0	*	6.9	9.0	*
Hysterectomy	30	0.0	1.4	*	6.7	3.0	*	6.7	4.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

VANDERBILT UNIVERSITY
NASHVILLE, TENNESSEE 37232
TELEPHONE (615) 322-5000

Vice-Chancellor for Health Affairs • Direct phone 322-2151
Medicare Provider #440039

January 14, 1991

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

We are committed to providing the highest quality of care to our patients at The Vanderbilt University Medical Center by utilizing the most advanced procedures and providing special facilities for the most severe forms of illnesses. Our performance in fulfilling this commitment is reaffirmed by the latest Medicare mortality statistics which show us well within the expected range of hospitals despite the relatively high, and increasing, acuity of our cases. The recent additions of a level I trauma center, a transplantation program, a myelosuppression unit, our existing burn center and comprehensive cancer center are examples of programs that increase patient severity.

We would like to point out two concerns and make a suggestion regarding the data made available to us. First, we remain concerned that, despite improvements in the model, the data available for analysis cannot fully take into account the severity of the cases referred to an academic health center such as ours. Despite the number of explanatory variables, it is obvious that there is still considerable variation in severity apart from that incorporated in the model.

Attempts to explain mortality on the basis of such models typically perform poorly in predicting which individual cases do not survive, indicating that important determinants are either poorly measured or excluded from the model. In order to better assess this problem, it would be very helpful to have information on the predictive performance or goodness of fit of the HCFA model within different categories of conditions.

Our second concern regards the reporting of observed versus predicted mortality rates within categories of conditions for which there were very few cases. Your accompanying Technical Background, and your practice of not reporting standard deviations for such categories of conditions, indicates that such comparisons for these categories are highly susceptible to random fluctuations.

Nevertheless, the naive reader of reports of these statistics may easily make the mistake of becoming concerned over random variation. It would seem wise not to report numbers which are invalid for making inferences.

Finally, we would suggest that you make available to each hospital data extracts of the records used for the statistics for their hospital, including all relevant variables. These variables should be provided in both their original form, and any transformed versions used in the HCFA model. Purchase and analysis of the entire MEDPAR file or the available subsets are far too costly and time consuming to provide a practical means of obtaining these data. Yet, such machine-readable data would be enormously helpful in quickly looking for specific anomalies in either the data or the actual mortality rates. In as much as you already provide listings of the individual patients and their mortality, it should not be impossible to provide, upon request, the full data records for such cases, perhaps on floppy disks, at a cost substantially below that of the currently available MEDPAR subsets.

We appreciate the usefulness of a variety of indicators of quality of care, even those with certain shortcomings, for monitoring and constantly improving our services. Nevertheless, we remain greatly concerned about the possible misuse of such data in the context of the problems discussed above. We wish to stress this concern despite the fact that the HCFA measures have always shown our quality of care to be well within the predicted range or better.

Sincerely,

Joseph C Ross

Joseph C. Ross, M.D.
Associate Vice Chancellor for
Health Affairs

JCR:br

WARREN REGIONAL HOSPITAL

Sparta Rd
McMinnville, TN 37110

Medicare Provider Number: 440038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	319	6.6	6.4	1.4	9.1	10.3	1.8	10.7	13.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	23.2	*	66.7	26.5	*	66.7	30.3	*
Congestive Heart Failure	18	27.8	18.5	*	38.9	30.2	*	44.4	39.0	*
Pneumonia/Influenza	19	5.3	15.2	*	10.5	21.1	*	10.5	25.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.4	*	12.5	11.4	*	12.5	16.3	*
Transient Cerebral Ischemia	4	25.0	2.6	*	25.0	6.3	*	25.0	10.3	*
Stroke	11	27.3	18.5	*	27.3	24.8	*	27.3	29.2	*
Hip Fracture	2	0.0	10.2	*	50.0	19.5	*	50.0	26.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.3	*	0.0	7.9	*	0.0	12.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	8.9	*	50.0	17.7	*	50.0	24.4	*
Prostatectomy	1	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*
Cholecystectomy	7	0.0	2.2	*	0.0	3.6	*	0.0	4.8	*
Hysterectomy	1	0.0	0.4	*	0.0	0.6	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	63
Occupancy Rate	40
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WARREN REGIONAL HOSPITAL

Medicare Provider Number: 440038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	328	7.0	8.0	1.9	9.8	12.5	2.4	12.8	16.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	30.4	*	44.4	33.3	*	55.6	36.8	*
Congestive Heart Failure	18	16.7	15.5	*	22.2	24.1	*	22.2	30.9	*
Pneumonia/Influenza	18	22.2	18.4	*	22.2	24.7	*	22.2	29.9	*
Chronic Obstructive Pulmonary Disease	8	0.0	4.9	*	0.0	8.7	*	0.0	12.2	*
Transient Cerebral Ischemia	9	0.0	2.3	*	0.0	5.2	*	0.0	8.3	*
Stroke	15	13.3	19.8	*	26.7	28.4	*	26.7	33.6	*
Hip Fracture	1	0.0	5.8	*	0.0	11.8	*	0.0	16.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.9	*	0.0	4.9	*	0.0	8.5	*
Cholecystectomy	5	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	300	8.3	8.1	1.6	12.3	12.3	2.0	14.7	15.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	28.0	*	16.7	31.7	*	16.7	35.1	*
Congestive Heart Failure	11	18.2	16.4	*	27.3	26.0	*	36.4	34.1	*
Pneumonia/Influenza	17	23.5	14.7	*	23.5	20.7	*	29.4	25.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.6	*	0.0	4.6	*	0.0	6.6	*
Transient Cerebral Ischemia	6	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*
Stroke	9	44.4	20.8	*	44.4	28.7	*	44.4	33.3	*
Hip Fracture	3	0.0	7.9	*	33.3	15.2	*	33.3	19.8	*
Sepsis	3	0.0	23.9	*	0.0	28.1	*	0.0	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	5.2	*	0.0	9.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	11.5	*	100.0	22.4	*	100.0	29.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	2.3	*	0.0	5.9	*	0.0	10.1	*
Cholecystectomy	5	0.0	3.2	*	0.0	4.9	*	0.0	5.8	*
Hysterectomy	3	0.0	0.9	*	0.0	2.1	*	0.0	3.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WAYNE COUNTY GENERAL HOSPITAL

Hwy 64 E Box 580
Waynesboro, TN 38485

Medicare Provider Number: 440010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	266	9.4	9.4	1.9	13.9	14.6	2.5	17.3	18.8	2.8
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	26.7	*	25.0	30.6	*	25.0	34.6	*
Congestive Heart Failure	16	6.3	15.8	*	31.3	25.0	*	37.5	32.6	*
Pneumonia/Influenza	43	4.7	13.2	*	9.3	17.9	*	14.0	22.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	7.6	*	20.0	13.9	*	30.0	19.3	*
Transient Cerebral Ischemia	8	0.0	2.8	*	0.0	6.5	*	0.0	10.5	*
Stroke	9	33.3	20.4	*	44.4	28.3	*	44.4	33.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.0	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	27
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WAYNE COUNTY GENERAL HOSPITAL

Medicare Provider Number: 440010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	276	8.0	7.9	1.7	11.2	12.1	2.3	14.1	15.7	2.5
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	26.2	*	0.0	29.7	*	0.0	33.2	*
Congestive Heart Failure	11	0.0	12.5	*	9.1	20.0	*	36.4	26.2	*
Pneumonia/Influenza	32	18.8	14.0	*	25.0	18.8	*	28.1	22.9	*
Chronic Obstructive Pulmonary Disease	12	0.0	3.7	*	0.0	7.2	*	0.0	10.5	*
Transient Cerebral Ischemia	10	0.0	2.4	*	0.0	5.3	*	0.0	8.5	*
Stroke	10	40.0	14.2	*	50.0	20.9	*	70.0	25.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.3	*	16.7	2.4	*	16.7	3.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	249	8.8	8.6	1.8	11.6	13.6	3.0	18.1	17.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	22.0	*	20.0	24.4	*	20.0	27.3	*
Congestive Heart Failure	20	25.0	15.6	*	25.0	23.6	*	35.0	30.6	*
Pneumonia/Influenza	17	29.4	16.1	*	29.4	22.3	*	29.4	27.4	*
Chronic Obstructive Pulmonary Disease	13	0.0	8.0	*	7.7	14.2	*	38.5	19.3	*
Transient Cerebral Ischemia	7	0.0	5.9	*	0.0	12.7	*	0.0	18.2	*
Stroke	11	0.0	16.7	*	9.1	23.4	*	18.2	27.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.8	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	5	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WEST SIDE HOSPITAL

2208 Patterson St
Nashville, TN 37203

Medicare Provider Number: 440167

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	674	5.0	5.8	1.4	9.1	9.2	1.6	11.3	11.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	29.5	*	28.6	32.4	*	42.9	35.6	*
Congestive Heart Failure	16	0.0	17.1	*	6.3	25.8	*	18.8	32.6	*
Pneumonia/Influenza	14	21.4	17.3	*	28.6	23.2	*	28.6	27.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.2	*	0.0	6.1	*	0.0	9.1	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	19	15.8	23.7	*	31.6	30.5	*	36.8	35.5	*
Hip Fracture	15	13.3	7.8	*	20.0	13.3	*	20.0	16.8	*
Sepsis	5	60.0	28.3	*	80.0	35.9	*	80.0	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.9	*	0.0	8.2	*	0.0	12.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	2.5	*	4.0	4.5	*	4.0	5.9	*
Open Reduction of Hip Fracture	9	11.1	6.0	*	11.1	10.9	*	11.1	14.0	*
Prostatectomy	92	2.2	0.9	1.7	4.3	2.0	2.2	5.4	3.4	2.3
Cholecystectomy	11	0.0	1.8	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	11	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	230
Ownership/Control	Private, For Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	158
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

WEST SIDE HOSPITAL

Medicare Provider Number: 440167

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	959	4.0	5.5	1.4	7.3	8.6	1.5	10.2	11.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	33.7	*	28.6	36.6	*	42.9	40.1	*
Congestive Heart Failure	22	0.0	13.9	*	4.5	20.4	*	9.1	26.3	*
Pneumonia/Influenza	13	23.1	24.5	*	30.8	33.8	*	53.8	39.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.3	*	0.0	11.2	*	0.0	15.4	*
Transient Cerebral Ischemia	4	0.0	1.3	*	0.0	2.6	*	0.0	4.0	*
Stroke	10	0.0	15.8	*	10.0	21.1	*	10.0	25.1	*
Hip Fracture	23	13.0	6.7	*	21.7	12.2	*	21.7	15.7	*
Sepsis	3	0.0	30.2	*	0.0	41.4	*	33.3	48.7	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	6.3	*	0.0	9.5	*	0.0	12.6	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	35	5.7	1.6	*	5.7	2.9	*	5.7	4.0	*
Open Reduction of Hip Fracture	13	0.0	6.2	*	0.0	11.7	*	0.0	15.4	*
Prostatectomy	138	0.7	0.8	0.8	1.4	1.8	1.3	2.2	3.0	2.0
Cholecystectomy	13	0.0	5.2	*	7.7	8.6	*	7.7	10.1	*
Hysterectomy	22	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,034	4.4	5.1	1.1	7.8	8.3	1.1	10.2	10.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	31.3	*	46.7	34.5	*	46.7	38.1	*
Congestive Heart Failure	22	18.2	16.7	*	27.3	25.1	*	40.9	32.2	*
Pneumonia/Influenza	21	9.5	15.2	*	23.8	20.8	*	28.6	25.3	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.2	*	11.1	9.3	*	22.2	12.9	*
Transient Cerebral Ischemia	7	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke	16	18.8	19.4	*	18.8	25.7	*	25.0	30.2	*
Hip Fracture	17	0.0	4.9	*	0.0	8.7	*	0.0	11.3	*
Sepsis	3	0.0	34.7	*	0.0	44.7	*	0.0	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	10.1	*	0.0	16.4	*	0.0	20.8	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	50	0.0	1.3	*	0.0	2.5	*	0.0	3.3	*
Open Reduction of Hip Fracture	9	0.0	4.5	*	0.0	8.3	*	0.0	10.8	*
Prostatectomy	142	0.7	0.9	1.0	2.8	2.1	1.4	3.5	3.6	2.0
Cholecystectomy	8	0.0	2.4	*	0.0	3.5	*	0.0	4.2	*
Hysterectomy	32	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Centennial Medical Center

Park View
230 25th Avenue N
Nashville, TN 37203
(615) 340-1000

January 9, 1991

Healthcare Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

We here at Centennial Medical Center (Provider # 440161) are gratified that our mortality rates have remained below predicted averages for the past three years. We commend the Healthcare Financing Administration for incorporating rudiments of comorbidity data in its calculations. We encourage the addition of broader categories of comorbidity (COPD for example) in the calculations to better correlate mortality with severity of illness.

This letter also incorporates a response from West Side Hospital (Provider # 440167) which has been subsequently merged into Centennial Medical Center during 1990. Observed mortality rates for the past three years have remained below the predicted range for West Side reflecting a high quality of care.

We await with interest the 1990 data for our combined Centennial Medical Center (Park View and West Side Provider # 440161). Our merged facility will now provide larger total numbers of cases that should allow more precise statistical evaluation.

Thank you for this opportunity to respond. We look forward to your reply.

Sincerely yours,

Robert H. Alford, M.D.

Robert H. Alford, M.D.
Medical Director

William W. Arnold
Chief Executive Officer

Park View • Parthenon Pavilion • West Side
Where quality health care comes together.

WESTERN MENTAL HEALTH INSTITUTE

Hwy 64
Bolivar, TN 38074

Medicare Provider Number: 440154

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	29	6.9	5.4	*	10.3	8.9	*	13.8	11.9	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	44.1	*	0.0	55.6	*	100.0	63.8	*
Congestive Heart Failure	0									
Pneumonia/Influenza	2	50.0	15.8	*	50.0	22.2	*	50.0	27.2	*
Chronic Obstructive Pulmonary Disease	2	50.0	8.7	*	50.0	17.1	*	50.0	24.3	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	1	0.0	5.2	*	0.0	9.6	*	0.0	12.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	372
Occupancy Rate	100
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	18
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WESTERN MENTAL HEALTH INSTITUTE

Medicare Provider Number: 440154

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	24	0.0	8.1	*	8.3	12.2	*	16.7	15.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	2	0.0	27.2	*	0.0	39.1	*	100.0	47.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	0.0	21.1	*	0.0	28.4	*	0.0	34.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	9	0.0	7.8	*	0.0	13.3	*	11.1	18.7	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	11.1	*	0.0	17.4	*	100.0	23.2	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WHITE COUNTY COMMUNITY HOSPITAL

401 Sewell Rd
Sparta, TN 38583

Medicare Provider Number: 440192

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	385	13.2	10.0	2.7	17.7	15.0	3.3	22.1	19.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	28.5	*	35.3	31.7	*	47.1	34.9	*
Congestive Heart Failure	37	21.6	15.8	*	29.7	24.8	*	32.4	32.4	*
Pneumonia/Influenza	35	17.1	18.3	*	25.7	24.8	*	37.1	29.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	3.8	*	0.0	7.0	*	10.0	10.0	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	18	50.0	21.8	*	55.6	28.6	*	61.1	33.5	*
Hip Fracture	8	12.5	6.5	*	12.5	11.8	*	12.5	15.4	*
Sepsis	3	66.7	36.5	*	66.7	43.7	*	66.7	50.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	4.2	*	100.0	7.0	*	100.0	9.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	3.1	*	50.0	6.4	*	50.0	9.4	*
Open Reduction of Hip Fracture	5	0.0	6.8	*	0.0	13.0	*	0.0	17.5	*
Prostatectomy	0									
Cholecystectomy	7	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	30
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WHITE COUNTY COMMUNITY HOSPITAL

Medicare Provider Number: 440192

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	394	11.4	10.2	2.2	16.0	15.1	2.5	21.1	19.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	28.1	*	38.9	31.0	*	38.9	34.7	*
Congestive Heart Failure	27	7.4	14.8	*	11.1	22.2	*	22.2	28.6	*
Pneumonia/Influenza	53	13.2	17.9	8.6	17.0	24.4	10.8	22.6	29.5	11.3
Chronic Obstructive Pulmonary Disease	9	11.1	7.3	*	11.1	13.8	*	22.2	19.3	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	17	35.3	26.1	*	47.1	33.9	*	52.9	39.5	*
Hip Fracture	9	0.0	8.4	*	0.0	15.6	*	11.1	20.3	*
Sepsis	1	0.0	19.6	*	0.0	27.3	*	0.0	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.1	*	0.0	11.6	*	0.0	21.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	9.3	*	0.0	17.4	*	11.1	22.3	*
Open Reduction of Hip Fracture	3	0.0	5.2	*	0.0	10.2	*	0.0	13.8	*
Prostatectomy	2	0.0	1.9	*	0.0	5.3	*	0.0	9.7	*
Cholecystectomy	6	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	329	13.7	11.2	3.4	18.2	15.9	3.7	21.3	20.0	3.9
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	30.8	*	18.8	33.7	*	25.0	36.9	*
Congestive Heart Failure	23	13.0	16.6	*	26.1	24.9	*	34.8	31.8	*
Pneumonia/Influenza	22	9.1	16.0	*	18.2	21.9	*	18.2	26.8	*
Chronic Obstructive Pulmonary Disease	10	10.0	6.5	*	20.0	11.5	*	20.0	15.7	*
Transient Cerebral Ischemia	11	18.2	2.1	*	18.2	4.5	*	27.3	7.2	*
Stroke	20	20.0	21.3	*	25.0	27.7	*	30.0	32.5	*
Hip Fracture	0									
Sepsis	7	42.9	32.7	*	42.9	41.5	*	42.9	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	6.2	*	0.0	10.5	*	0.0	13.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	16.7	1.6	*	16.7	3.5	*	16.7	5.5	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WHITWELL MEDICAL CENTER

101 N Maple St
Whitwell, TN 37397

Medicare Provider Number: 440090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	237	10.1	8.3	2.3	16.9	12.0	3.0	19.8	15.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	29.4	*	30.8	32.2	*	30.8	35.8	*
Congestive Heart Failure	10	10.0	12.4	*	40.0	19.1	*	40.0	24.9	*
Pneumonia/Influenza	11	36.4	17.3	*	45.5	23.9	*	54.5	28.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.4	*	0.0	10.2	*	50.0	14.6	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke	5	0.0	17.9	*	20.0	24.2	*	20.0	28.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	52
Occupancy Rate	(Not Available)
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WHITWELL MEDICAL CENTER

Medicare Provider Number: 440090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	260	6.5	8.6	2.5	9.2	12.3	3.4	12.3	15.5	4.1
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	36.6	*	36.8	40.3	*	42.1	45.2	*
Congestive Heart Failure	11	0.0	14.1	*	9.1	21.9	*	9.1	27.8	*
Pneumonia/Influenza	15	20.0	14.1	*	20.0	19.6	*	20.0	23.7	*
Chronic Obstructive Pulmonary Disease	10	10.0	4.9	*	10.0	9.1	*	20.0	12.9	*
Transient Cerebral Ischemia	2	50.0	1.7	*	50.0	3.8	*	100.0	6.0	*
Stroke	6	16.7	18.1	*	16.7	22.9	*	33.3	27.0	*
Hip Fracture	0									
Sepsis	2	0.0	28.3	*	0.0	33.4	*	0.0	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.2	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	3	0.0	1.5	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	292	8.6	10.4	2.4	14.0	15.2	3.2	17.5	19.3	2.8
CONDITIONS:										
Acute Myocardial Infarction	26	11.5	34.1	*	19.2	38.5	*	19.2	43.5	*
Congestive Heart Failure	12	0.0	13.1	*	0.0	20.3	*	8.3	26.4	*
Pneumonia/Influenza	19	21.1	12.4	*	21.1	17.5	*	26.3	21.6	*
Chronic Obstructive Pulmonary Disease	8	0.0	9.4	*	12.5	17.6	*	12.5	24.4	*
Transient Cerebral Ischemia	4	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	6	16.7	17.0	*	16.7	21.8	*	33.3	26.0	*
Hip Fracture	0									
Sepsis	3	33.3	17.8	*	33.3	21.9	*	33.3	26.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	2.4	*	0.0	4.6	*	0.0	6.7	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

WILLIAMSON MEDICAL CENTER

2021 Carothers Rd Box 1600
Franklin, TN 37065

Medicare Provider Number: 440029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,117	8.3	8.4	0.8	12.8	13.5	1.2	16.3	17.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	32	15.6	18.4	*	21.9	22.1	*	21.9	25.6	*
Congestive Heart Failure	44	20.5	14.2	*	27.3	22.3	*	29.5	29.1	*
Pneumonia/Influenza	49	16.3	18.1	*	22.4	24.9	*	26.5	30.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	*	0.0	9.4	*	0.0	13.8	*
Transient Cerebral Ischemia	8	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Stroke	28	7.1	19.5	*	14.3	26.7	*	17.9	31.2	*
Hip Fracture	21	9.5	7.4	*	14.3	13.5	*	19.0	17.8	*
Sepsis	16	31.3	21.2	*	50.0	30.2	*	56.3	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.4	*	0.0	2.0	*
Hip Replacement/Reconstruction	13	7.7	4.1	*	7.7	7.7	*	7.7	10.3	*
Open Reduction of Hip Fracture	8	12.5	7.0	*	25.0	13.8	*	37.5	18.7	*
Prostatectomy	24	4.2	1.3	*	8.3	3.1	*	12.5	5.1	*
Cholecystectomy	25	4.0	3.6	*	4.0	5.7	*	4.0	6.8	*
Hysterectomy	3	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	130
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	151
Licensed Practical Nurses	67

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WILLIAMSON MEDICAL CENTER

Medicare Provider Number: 440029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,076	10.8	10.0	1.0	16.4	15.5	1.4	18.6	19.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	27	33.3	26.7	*	37.0	31.8	*	40.7	36.2	*
Congestive Heart Failure	61	23.0	17.8	5.9	34.4	27.5	7.3	36.1	35.2	6.2
Pneumonia/Influenza	64	14.1	17.2	6.3	21.9	23.3	5.6	25.0	27.9	6.0
Chronic Obstructive Pulmonary Disease	2	0.0	10.7	*	0.0	26.1	*	0.0	40.3	*
Transient Cerebral Ischemia	10	10.0	2.1	*	10.0	4.7	*	10.0	7.4	*
Stroke	32	28.1	23.4	*	34.4	30.9	*	34.4	35.6	*
Hip Fracture	24	4.2	7.3	*	4.2	13.3	*	12.5	16.9	*
Sepsis	16	31.3	21.9	*	31.3	28.3	*	31.3	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.7	*	0.0	12.4	*	0.0	18.3	*
Carotid Endarterectomy	3	0.0	2.3	*	0.0	4.7	*	0.0	6.9	*
Hip Replacement/Reconstruction	16	6.3	3.4	*	6.3	7.1	*	6.3	10.0	*
Open Reduction of Hip Fracture	15	6.7	7.1	*	6.7	13.5	*	20.0	17.7	*
Prostatectomy	20	0.0	1.3	*	5.0	3.2	*	5.0	5.3	*
Cholecystectomy	16	0.0	2.7	*	0.0	4.7	*	6.3	6.2	*
Hysterectomy	6	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	932	8.8	9.1	1.0	14.5	14.2	1.2	17.7	18.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	23.5	*	36.4	27.4	*	40.9	31.0	*
Congestive Heart Failure	46	15.2	14.8	*	19.6	22.7	*	21.7	29.4	*
Pneumonia/Influenza	30	20.0	17.0	*	26.7	22.8	*	30.0	27.5	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.0	*	12.5	11.2	*	12.5	16.1	*
Transient Cerebral Ischemia	13	0.0	2.2	*	0.0	4.9	*	7.7	7.8	*
Stroke	35	11.4	18.9	*	31.4	26.4	*	37.1	31.1	*
Hip Fracture	27	3.7	7.9	*	18.5	14.1	*	22.2	18.0	*
Sepsis	23	26.1	29.1	*	34.8	38.4	*	39.1	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Carotid Endarterectomy	2	0.0	2.2	*	0.0	4.0	*	0.0	5.6	*
Hip Replacement/Reconstruction	11	0.0	4.6	*	9.1	8.9	*	9.1	11.8	*
Open Reduction of Hip Fracture	15	0.0	8.1	*	20.0	14.6	*	26.7	18.7	*
Prostatectomy	33	6.1	1.4	*	9.1	3.4	*	9.1	5.8	*
Cholecystectomy	16	6.3	4.8	*	12.5	8.5	*	12.5	11.0	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WOODS MEMORIAL HOSPITAL

Hwy 411 Box 410
Etowah, TN 37331

Medicare Provider Number: 440054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	715	9.4	8.6	1.6	14.1	12.8	2.2	17.8	16.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	27.0	*	38.1	30.1	*	42.9	33.3	*
Congestive Heart Failure	27	14.8	14.9	*	37.0	23.1	*	44.4	30.1	*
Pneumonia/Influenza	59	11.9	16.0	5.4	25.4	21.7	6.0	32.2	26.1	7.0
Chronic Obstructive Pulmonary Disease	27	3.7	7.8	*	3.7	13.2	*	11.1	17.7	*
Transient Cerebral Ischemia	18	0.0	1.5	*	5.6	3.1	*	5.6	4.9	*
Stroke	47	23.4	20.3	*	27.7	27.6	*	38.3	32.4	*
Hip Fracture	1	100.0	8.4	*	100.0	13.1	*	100.0	15.9	*
Sepsis	1	0.0	24.9	*	0.0	32.6	*	0.0	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	13	7.7	2.1	*	7.7	3.3	*	7.7	3.9	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	116
Occupancy Rate	67
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	20
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	47

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WOODS MEMORIAL HOSPITAL

Medicare Provider Number: 440054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	638	8.2	8.7	1.2	11.1	12.8	1.7	13.2	16.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	28.1	*	27.3	32.1	*	27.3	35.7	*
Congestive Heart Failure	40	12.5	14.3	*	27.5	21.9	*	35.0	28.4	*
Pneumonia/Influenza	40	7.5	12.6	*	10.0	17.0	*	12.5	20.7	*
Chronic Obstructive Pulmonary Disease	17	11.8	8.7	*	11.8	13.6	*	11.8	17.8	*
Transient Cerebral Ischemia	23	4.3	2.0	*	4.3	4.4	*	8.7	7.0	*
Stroke	58	17.2	21.0	6.4	22.4	29.3	8.8	24.1	34.3	11.2
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	1.2	*	0.0	2.3	*	10.0	3.1	*
Hysterectomy	6	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	627	8.8	8.1	1.2	13.7	12.4	1.6	15.5	15.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	22.2	*	28.6	24.7	*	28.6	27.6	*
Congestive Heart Failure	34	14.7	14.7	*	23.5	22.9	*	23.5	29.9	*
Pneumonia/Influenza	43	11.6	14.6	*	16.3	20.3	*	18.6	25.0	*
Chronic Obstructive Pulmonary Disease	16	12.5	7.7	*	12.5	13.2	*	12.5	18.0	*
Transient Cerebral Ischemia	14	0.0	2.1	*	7.1	4.5	*	7.1	7.1	*
Stroke	42	16.7	16.8	*	26.2	23.7	*	26.2	28.2	*
Hip Fracture	1	0.0	3.1	*	0.0	6.3	*	0.0	8.9	*
Sepsis	1	100.0	18.2	*	100.0	26.3	*	100.0	32.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	2.0	*	0.0	3.6	*	0.0	4.8	*
Hysterectomy	7	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Technical Appendix

TECHNICAL APPENDIX

Data Sources

The data analyzed in this report are obtained from the MEDPAR file, which contains summary information on the hospitalizations of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex and date of death, which are obtained from the Social Security Administration or the Railroad Retirement Board.

Hospitalizations with discharges in fiscal years 1987, 1988 and 1989 were used in these analyses. Hospitalizations in 1986 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a “0” in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a “9” in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with "special unit codes" of S, T, U and V, respectively, in the third position were excluded.

The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospitalizations were then segregated by analytical category and analyzed separately. The analytic categories were created by grouping ICD-9-CM diagnosis codes that had similar raw mortality rates and clinical definitions. The groupings fall into five risk levels: low, average, moderately severe, very severe and catastrophic. Within these risk levels, codes are further grouped based on clinical similarities. The analytic categories and the groups of ICD-9-CM diagnosis codes that defined them are listed in Table A-1.

The mortality experience of the patients was evaluated as a function of time within 182 days of the admission. The factors included in the mortality model used to evaluate the patients' probability of death are given in Table A-2. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the six months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure", Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

Analytic Techniques

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study at the end of the followup period of 182 days.

The survival function, $S(t)$, is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function,

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is:

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}$$

The probability density function commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases the area under the survival curve is restricted to an interval $0\text{-}t_1$ where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is:

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \ldots + \alpha_i x_i + \ldots + \alpha_k x_k)$$
$$\gamma = \exp(\gamma_0 + \gamma_1 g_1 + \ldots + \gamma_i x_i + \ldots + \gamma_k x_k)$$
$$\delta = \exp(\delta_0 + \delta_1 x_1 + \ldots + \delta_i x_i + \ldots + \delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for $i=1,2,\ldots, k$ and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 17 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 1,000 cases or a statistically significant effect at the $p<0.01$ level when the number of cases was less than 1,000. Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytic categories are useful for grouping the patients into relatively risk homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

Estimation of the Standard Deviation for Predicted Mortality

The standard deviation of the predicted mortality rate is used to assess how meaningfully different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2, V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included the present analysis.

V_2 is the binomial variance for n patients.

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n} .$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}(\Theta)} = \left(1 - \frac{1}{n}\right) \widehat{M_2(\Theta)}$$

where

$$\widehat{M_2(\Theta)} = \left(\begin{pmatrix}\text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects}\end{pmatrix} - \begin{pmatrix}\text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects}\end{pmatrix}\right)^2 \left(\frac{1}{z_p^2}\right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital specific effect.

V_4 is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality}\right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just:

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table A-3 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels ranging from 75 percent to 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table A-3 exceeds the precision of the estimate of the standard deviation. Hence, the rule-of-thumb given at the front of this Appendix represents an adequate approximation to the factors in Table A-3 and an adequate guide to the meaningfulness of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table A-3, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent, if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent, if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Upper Bound", the row "75" for the number of cases, and by interpolation between the "10%" and the "20%" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

On the other hand, 75 percent of the time, the observed mortality rate will lie either between 13 percent and 18.8 percent (13.0 percent + 1.15 x 5.0 percent) if the observed rate is higher than the predicted, or between 7.3 percent (13.0 percent - 1.15 x 5.0 percent) and 13.0 percent if it is lower.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. In turn, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

Table A-1

ANALYTICAL DIAGNOSTIC CATEGORIES

CATEGORY	ICD-9-CM CODES
1. Low risk cardiopulmonary and circulatory disorders	390, 393, 401, 402.00, 402.10, 402.90, 405, 411 (except 411.0), 413-414, 417-420, 422, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433 (except 433.0), 435, 437.2, 442 (except 442.2), 447 (except 447.2), 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0, 460-478, 487 (except 487.0), 490-491, 493-495, 511.0, 518.2, 519.0-519.1
2. Low risk injuries and poisonings	800.0, 800.5, 801.0, 801.5, 802, 805 (except 805.0), 806 (except 806.0), 807 (except 807.0 and 807.4), 807.00-807.06, 808-819, 822-838, 839 (except 839.0), 840-848, 850, 854.0 (except 854.05), 861.2, 862, 867 (except 867.0 and 867.2), 870-874, 875.0, 876-887, 890-897, 905-932, 933.0, 935-940, 942 (except 942.3), 943-945, 947, 949-957, 958 (except 958.4), 959-963, 965.1, 965.5-965.7, 965.9, 966, 969-971, 972 (except 972.1), 973, 974 (except 974.1), 975 (except 975.7), 977-981, 984-986, 988, 992-993, 994 (except 994.1 and 994.7), 995, 996.0 (except 996.02), 996.2, 996.4-996.5, 996.7-996.9, 997.9, 998 (except 998.2)
3. Low risk gastrointestinal and endocrine disorders	240-246, 250.0, 250.5-250.6, 250.8, 250.9, 252, 254, 255 (except 255.4), 256-258, 264-272, 274, 276.3, 276.8, 279 (except 279.1), 520-527, 528.2, 528.4, 528.6-528.9, 529, 530 (except 530.4 and 530.8), 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.8-537.9 (except 537.89), 540-543, 550, 552-556, 558 (except 558.2), 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574 (only when 5th digit = 0), 575 (except 575.4 and 575.8), 576.0, 576.9, 577.1, 577.9, 579

Table A-1: Analytic Diagnostic Categories

4. Low risk genitourinary and reproductive disorders	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596 (except 596.1 and 596.6), 597-598, 599 (except 599.0 and 599.6), 600-606, 607 (except 607.2), 608 (except 608.4), 610-618, 619 (except 619.1), 620-629, 630-648, 650-676
5. Low risk neuropsychiatric, sensory and musculoskeletal disorders	290-292, 293 (except 293.0), 294-309, 311-319, 330, 331 (except 331.0), 332-334, 337, 340, 342-343, 344 (except 344.0 and 344.1), 345 (except 345.3), 346-347, 348.0, 350-358, 360-389, 680-686, 690-698, 700-706, 707 (except 707.0), 708-709, 710 (except 710.1), 711-713, 714 (except 714.81), 715-739
6. Other low risk disorders	E-CODE, M-CODE, V01-V09, V11-V65 (except V58.0 and V58.8), V67-V82, 001-005, 007-009, 014-017, 020-026, 027 (except 027.0), 030, 032-033, 035, 037, 039, 041.0-041.2, 045, 049.8-049.9, 050-053, 055-057, 071-088, 090-111, 120-135, 137-139, 140, 143, 173-175, 180.0-180.1, 182, 188 (except 188.8 and 188.9), 190, 192 (except 192.2), 210-211, 212 (except 212.7), 213-224, 226-230, 231 (except 231.2), 232-236, 239.4-239.5, 239.9, 280 (except 280.0), 282, 740-744, 746-759, 780 (except 780.0), 781, 782.0-782.2, 782.6, 782.8-782.9, 783.1, 783.5-783.9, 784 (except 784.3 and 784.5), 785 (except 785.4 and 785.5), 786.2, 786.4-786.5, 786.7-786.9, 787 (except 787.2), 788.0-788.1, 788.3-788.4, 788.6-788.7, 789 (except 789.5), 790 (except 790.6 and 790.7), 793-796
7. Average risk disorders	V10, V58.0, V58.8, 006, 010 -013, 031, 034, 041.3-041.9, 070.1, 070.3, 070.5, 070.9, 114-115, 136 (except 136.3), 142, 144-146, 152-154, 160-161, 162.0, 165, 170, 171.0, 171.2-171.4, 171.6-171.7, 172 (except 172.8), 180.8, 181, 184-187, 188.8-188.9, 189 (except 189.0), 193-194, 196.0, 196.3, 196.5-196.6, 196.9, 197.3, 198.2, 225,

Table A-1: Analytic Diagnostic Categories

7.	Average risk disorders (continued)	238, 239.0-239.3, 239.7-239.8, 250.1, 250.4, 250.7, 251, 253, 255.4, 259, 275 (except 275.4), 276.1, 276.6-276.7, 276.9, 277 (except 277.3), 278, 280.0, 281, 283, 285, 286 (except 286.6), 287-289, 293.0, 310, 322-326, 331.0, 336, 344.0-344.1, 345.3, 349, 359, 391-392, 394-396, 398 (except 398.91), 402.01, 402.11, 402.91, 403-404, 410.7, 411.0, 412, 423.8-423.9, 424, 425.5, 425.7-425.9, 426.0, 426.9, 427.1, 429.0-429.3, 437 (except 437.2), 438, 440, 441.4, 441.9, 443, 444 (except 444.1), 446, 456.1, 456.21, 456.8, 457.2, 457.8, 459 (except 459.0 and 459.2), 480, 482.2, 483-484, 487.0, 492, 496, 506, 508 (except 508.0), 518.3, 518.8, 519.4, 519.8-519.9, 528.0-528.1, 528.3, 528.5, 531.0, 531.4, 532.0, 532.4, 533.0, 533.4, 534.0, 534.4, 537.0, 537.3-537.4, 537.89, 557 (except 557.0), 560.1, 560.3, 560.80-560.81, 560.9, 569.3, 569.8 (except 569.83), 571.0-571.1, 571.3-571.4, 572.0-572.1, 573, 574 (only when 5th digit = 1), 575.4, 575.8, 576.1-576.5, 577.0, 577.2, 577.8, 578 (except 578.0), 580-581, 587, 590.0, 590.2- 590.3, 591, 593, 596.1, 596.6, 599.0, 599.6, 607.2, 608.4, 619.1, 714.81, 745, 782.3, 783.0, 783.2, 784.3, 784.5, 786.0-786.1, 786.3, 786.6, 787.2, 788.2, 788.5, 788.8-788.9, 790.6-790.7, 791-792, 798, 799.8-799.9, 803.0, 803.5, 805.0, 807.07-807.09, 820-821, 839.0, 860, 863, 865-866, 867.0, 867.2, 900, 903-904, 934.0-934.1, 941, 942.3, 946.0-946.2, 948.0-948.3, 964, 965.0, 965.4, 965.8, 967-968, 972.1, 974.1, 975.7, 976, 982-983, 987, 989, 996.1, 996.3, 996.6, 997 (except 997.9), 998.2, 999
8.	Moderately severe cardiopulmonary and circulatory disorders	398.91, 415-416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 432.1, 434, 436, 441.2, 442.2, 452, 453.0, 453.2-453.3, 458 (except 458.0), 459.0, 459.2, 481, 482.3, 482.9, 485-486, 500-505, 510.9, 511 (except 511.0), 512.8, 513-515, 517, 518.0-518.1, 518.4, 519.2-519.3
9.	Moderately severe gastrointestinal and endocrine disorders	273, 276.5, 277.3, 530.4, 530.8, 551, 558.2, 560.0, 560.2, 560.89, 567, 572.3, 578.0

Table A-1: Analytic Diagnostic Categories

10. Moderately severe neoplastic diseases	141, 147-149, 158, 162.3-162.5, 179, 180.9, 183, 189.0, 191, 192.2, 198.1, 198.6-198.7, 198.82, 200-202, 207 (except 207.0), 212.7, 237, 239.6
11. Other moderately severe disorders	V66, 038.42, 040, 047-048, 049.0-049.1, 054, 060-066, 284, 335, 341, 348.3-348.4, 348.8-348.9, 585, 707.0, 710.1, 782.4-782.5, 782.7, 783.4, 785.4, 789.5, 797, 799.0, 799.2-799.4, 804, 806.0, 807.4, 851.0, 851.2, 851.4, 851.6, 851.8, 852.0, (except 852.05), 852.1 (except 852.15), 852.2 (except 852.25), 852.4-852.5, 853.0 (except 853.05), 853.1 (except 853.15), 861 (except 861.2), 864.0 (except 864.04), 864.1 (except 864.14), 933.1, 990, 996.02
12. Very severe cardiopulmonary and circulatory disorders	397, 410 (except 410.7), 421, 423.0-423.2, 433.0, 447.2, 456.0, 456.20, 482.0-482.1, 482.4, 482.8, 507, 508.0, 510.0, 512.0, 516, 518.5
13. Very severe gastrointestinal and endocrine disorders	250.2-250.3, 260-263, 275.4, 276.0, 276.2, 276.4, 279.1, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 569.83, 571.2, 571.5-571.6, 572.2, 576.8
14. Very severe infectious disorders	018, 027.0, 036, 038 (except 038.42), 042-044, 046, 112, 116-118, 136.3
15. Very severe neoplastic diseases	150-151, 156-157, 159, 162.2, 162.8-162.9, 163-164, 171.5, 171.8-171.9, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.6, 197.8, 198.0, 198.3-198.5, 198.81, 198.89, 203, 204 (except 204.0), 205 (except 205.0), 207.0, 208 (except 208.0), 231.2
16. Other very severe disorders	320-321, 348.2, 348.5, 584, 586, 760-779, 780.0, 783.3, 799.1, 800 (except 800.0 and 800.5), 801 (except 801.0 and 801.5), 854.05, 854.1, 868-869, 875.1, 934.8-934.9, 946.3-946.5, 958.4, 991, 994.1, 994.7

Table A-1: Analytic Diagnostic Categories

17. Catastrophic disorders	070.0, 070.2, 070.4, 070.6, 155, 172.8, 197.7, 199, 204.0, 205.0, 206, 208.0, 286.6, 348.1, 427.4-427.5, 430-431, 432 (except viral 432.1), 441.0-441.1, 441.3, 441.5, 444.1, 557.0, 570, 572.4, 572.8, 785.5, 803 (except 803.0 and 803.5), 851.1, 851.3, 851.5, 851.7, 851.9, 852.05, 852.15, 852.25, 852.3, 853.05, 853.15, 864.04, 864.14, 901-902, 948.4-948.9

Table A-2

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

DEMOGRAPHICS

$$\text{AGESP} = \text{sign}\,(\text{W-65})\left(\left|\frac{\text{W-65}}{65}\right|\right)^{1.72}$$

where

$$\text{W} = \left\{\begin{array}{c} 23 \text{ if AGE} \leq 23 \\ \text{AGE if } 23 < \text{AGE} < 100 \\ 100 \text{ if } 100 \leq \text{AGE} \end{array}\right\}$$

SX	An indicator variable: = 1 if Female and 0 otherwise.

COMORBIDITIES (Indicator variables = 1 if comorbidity present and 0 otherwise)

		ICD-9-CM Codes
CCA	Cancer	141-160.9, 162-172.9, 174-208.9)
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1)
CLV	Chronic liver disease	571-572.8)
CRN	Chronic renal disease	582-583.9, 585-587)

ADMISSION SOURCES AND TYPES (Indicator variables = 1 if source or type present and 0 otherwise)

PHRF	Patient referred by personal or HMO physician.
TRSNF	Patient transferred from skilled nursing facility.
ELCT	Patient admitted for elective procedure.
EMRG	Patient admitted for emergency.

PREVIOUS HOSPITALIZATIONS

PALR	Number at low risk, with 5 or more set to 5.
PAAR	Number at average risk, with 3 or more set to 3.
PAMSR	Number at moderately severe risk, with 3 or more set to 3.
PAVSR	Number at very severe risk, with 2 or more set to 2.
PACR	Number at catastrophic risk, with 1or more set to 1.

TABLE A-3: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate.)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

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